



## AGENDA

Regular Meeting – Wednesday, August 9, 2023 – 9:30 a.m.

**Royal Oak Senior Center, 3500 Marais**

1. Meeting Called to Order
2. A. Roll Call, Recognition of Visitors & Public Comment  
B. Public Comments
3. Approval of Agenda
4. Consent Agenda  
All items listed on the Consent Agenda are considered to be routine by the Board of Trustees, will be enacted by one motion and approved by a roll call vote. There will be no separate discussion of these items unless a Board Member or visitor so requests, in which event the item will be removed from the consent agenda and considered as the last item of business.
  - A. Approval of Minutes – Regular Meeting – July 12, 2023
  - B. Approval of Warrants – No. RA 848
  - C. Investments – July 1, 2022 to June 30, 2023
  - D. Quarterly Legal Report
  - E. Information Reports
    - 1) Tonnage Analysis – July 2023
    - 2) Tonnage Percentages – July 2023
    - 3) Budget Analysis – July 2023
    - 4) Financial Status Summary – July 2023
    - 5) Compost Delivered to Members

- F. Michigan Municipal Employees' Retirement System – Annual Meeting
- 5. Administrative Reports (No Board Action Requested)
  - A. Operations Update
  - B. Summary of 2022/23 Operations
  - C. OPEB Actuarial Valuation
  - D. 2024 and 2025 Schedule of Important Collection Dates
  - E. General Manager Search Process
- 6. Future Business (Communication from Board Members)
- 7. Items for Decision (Board Action Requested)
  - NONE
- 8. Adjournment

*Notice: The Southeastern Oakland County Resource Recovery Authority will provide necessary, reasonable auxiliary aids and services, such as signers, for the hearing impaired, or audiotapes of printed materials being considered at the meeting to individuals with disabilities. All such requests must be made at least five days prior to said meeting. Individuals with disabilities requiring auxiliary aids or services should contact the Southeastern Oakland County Resource Recovery Authority by writing or calling: General Manager's Office, 3910 W. Webster Road, Royal Oak, MI 48073; (248) 288-5150.*

**SOCRRA**  
Regular Meeting – July 12, 2023  
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SOCRRA  
REGULAR MEETING MINUTES

Wednesday, July 12, 2023 – Oak Park City Hall

The meeting was called to order at 9:37 a.m. by Mr. Chris Wilson, Chair

<u>Present</u>	<u>Votes</u>	<u>Municipality</u>
Neil Johnston (Alternate)	3	Beverly Hills
Jana Ecker	6	Birmingham
Trever Zablocki	3	Clawson
Dan Antosik	5	Ferndale
Andy LeCureaux	3	Hazel Park
Chris Wilson	2	Huntington Woods
Karen Miller	1	Lathrup Village
Dave DeCoster	5	Oak Park
Jim Breuckman	1	Pleasant Ridge
Aaron Filipski	14	Royal Oak
Kurt Bovensiep	<u>15</u>	Troy
 Total	 58	

<u>Absent</u>	<u>Votes</u>	<u>Municipality</u>
Shawn Young	4	Berkley

Also Present

Jeff McKeen, General Manager  
 Robert Jackovich, Operations Manager  
 Robert Davis, General Counsel  
 Colette Farris, Organizational Development Manager  
 Scott Zielinski, Birmingham  
 Claire Dion, Ferndale

-13432-

The Chair recognized visitors and called for public comment. There being no persons present who wished to be heard, the Chair closed the public comment segment.

-13433-

Motion by Mr. A. LeCureaux, supported by Mr. A. Filipski:

That the Agenda be approved as submitted.

Yeas: Johnston, Ecker, Zablocki, Antosik, LeCureaux, Wilson, Miller, DeCoster,  
Breuckman, Filipski, Bovensiep (58 votes)  
Nays: None  
Absent: Young (4 votes)

**Motion carried.**

-13434-

#### **APPROVAL OF CONSENT AGENDA**

Motion by Mr. K. Bovensiep, supported by Mr. A. LeCureaux:

That the Consent Agenda be approved.

#### **APPROVAL OF MEETING MINUTES**

That the minutes of the Regular Meeting of June 14, 2023 be approved as submitted.

#### **APPROVAL OF WARRANT – NO. RA-847**

That Warrant RA-847 in the amount of \$2,739,220.83 be approved and payments authorized.

#### **INFORMATION REPORTS**

That the monthly information reports be received and filed.

#### **SCALE SOFTWARE UPGRADE**

That the Board authorize Infoview Services to revise the scale software at a cost not to exceed \$8,295 under the Professional Services section of SOCRRA's Purchasing Policy.

**ROLL CALL VOTE**

Yeas: Johnston, Ecker, Zablocki, Antosik, LeCureaux, Wilson, Miller, DeCoster,  
Breuckman, Filipski, Bovensiep (58 votes)  
Nays: None  
Absent: Young (4 votes)

**Motion carried.**

-13435-

Motion by Mr. A. LeCureaux, supported by Mr. A. Filipski:

That the report on Operations Update be received and filed.

Yeas: Johnston, Ecker, Zablocki, Antosik, LeCureaux, Wilson, Miller, DeCoster,  
Breuckman, Filipski, Bovensiep (58 votes)  
Nays: None  
Absent: Young (4 votes)

**Motion carried.**

-13436-

Motion by Mr. A. LeCureaux, supported by Mr. D. DeCoster:

That the Annual Actuarial Valuation Report, covering SOCRRA's participation in the Michigan Municipal Employees Retirement System (MERS), be received and filed.

Yeas: Johnston, Ecker, Zablocki, Antosik, LeCureaux, Wilson, Miller, DeCoster,  
Breuckman, Filipski, Bovensiep (58 votes)  
Nays: None  
Absent: Young (4 votes)

**Motion carried.**

-13437-

Motion by Mr. A. Filipski, supported by Mr. D. DeCoster:

That the report on the 2022/23 audit be received and filed.

Yeas: Johnston, Ecker, Zablocki, Antosik, LeCureaux, Wilson, Miller, DeCoster,  
Breuckman, Filipski, Bovensiep (58 votes)  
Nays: None  
Absent: Young (4 votes)

**Motion carried.**

-13438-

Motion by Mr. A. LeCureaux, supported by Mr. A. Filipski:

That the Board convene in closed session at 10:11 a.m.

Yeas: Johnston, Ecker, Zablocki, Antosik, LeCureaux, Wilson, Miller, DeCoster,  
Breuckman, Filipski, Bovensiep (58 votes)

Nays: None

Absent: Young (4 votes)

**Motion carried.**

The meeting was called back to order at 10:24 a.m.

-13439-

Motion by Mr. A. LeCureaux, supported by Mr. K. Bovensiep:

That the Board approve the tentative agreements between SOCRRA and the Teamsters.

**ROLL CALL VOTE**

Yeas: Johnston, Ecker, Zablocki, Antosik, LeCureaux, Wilson, Miller, DeCoster,  
Breuckman, Filipski, Bovensiep (58 votes)

Nays: None

Absent: Young (4 votes)

**Motion carried.**

-13440-

Motion by Mr. A. LeCureaux, supported by Mr. A. Filipski:

That the meeting be adjourned.

Yeas: Johnston, Ecker, Zablocki, Antosik, LeCureaux, Wilson, Miller, DeCoster,  
Breuckman, Filipski, Bovensiep (58 votes)

Nays: None

Absent: Young (4 votes)

The Chair ordered the meeting adjourned at 10:53 a.m.

APPROVED: \_\_\_\_\_  
Chair

\_\_\_\_\_  
Secretary

SOCRRA  
CHECK WARRANT  
JULY 2023

RRA 848  
ACCT. 1009

CHECK #	PAYEE	AMOUNT	PURPOSE
79522	Acton Trucking	120.00	Haul Compost
79523	Airgas USA LLC	277.94	Supplies - MRF, CS
79524	A.R.C. Welding & Repair	1,065.00	Maintenance of Equipment - TS
79525	Davis Listman PLLC	2,899.87	Legal Services
79526	Durst Lumber Company	28.99	Maintenance of Equipment - MRF
79527	Colette Farris	149.34	Reimburse Mileage
79528	Home Depot Credit Services	175.66	Maintenance of Equipment - TS, Supplies - CS, Tools - MRF
79529	Jay's Septic Tank Service	360.00	Maintenance of Equipment - TS
79530	Metal Mart USA	10,565.15	Construction in Progress
79531	Michigan Cat	28,231.79	1st Payment-New Loader - TS
79532	MML Workers' Comp Fund	34,439.00	Workers' Comp
79533	RKA Petroleum Companies Inc.	1,524.54	Fuel - TS
79534	Total Packaging Concepts	1,950.00	Supplies - MRF
79535	West Bend Mutual Insurance Company	100.00	Bond for School Road Gas Probes - CS
79536	SOCWA	11,310.51	Reimburse SOCWA Payroll
79537	Fontenot Landscape Services LLC	48,205.00	Brush Chipping
79538	RedGuard Fire & Security	618.00	Internet/Security - MRF
79539	Alerus Financial	2,169.10	Deferred Compensation
79540	ERG Environmental Services	2,303.00	HHW Service - MRF
79541	Petty Cash - RRA	134.36	Reimburse Petty Cash
79542	Progressive Sweeping Contractors Inc.	1,333.20	Maintenance of Property & Grounds - TS
79543	MI Conveyance Solutions	1,594.43	Maintenance of Equipment - MRF
79544	Lee Industrial Contracting	67,600.00	Final Payment-TS Entry Door Repair
79545	GFL Environmental USA	103,392.68	Collection Contract
79546	GFL Environmental USA	64,099.38	Collection Contract
79547	GFL Environmental USA	196.00	Collection Contract
79548	Tringali Sanitation	500.00	Collection Contract
79549	Tringali Sanitation	3,263.60	Collection Contract
79550	Tringali Sanitation	777.05	Collection Contract
79551	Tringali Sanitation	4,662.30	Collection Contract
79552	Tringali Sanitation	24,272.66	Collection Contract
79553	Tringali Sanitation	53,399.88	Collection Contract
79554	Acton Trucking	120.00	Haul Compost
79555	Alta Construction Equipment	530.10	Maintenance of Equipment - CS
79556	Car Trucking	100.00	Collection Contract



SOCRRRA  
CHECK WARRANT  
JULY 2023

RRA 848  
ACCT. 1009

CHECK #	PAYEE	AMOUNT	PURPOSE
79557	GFL Environmental USA	154.54	Collection Contract
79558	Home Depot Credit Services	26.34	Personnel Improvement - MRF
79559	Interstate Billing Services Inc	2,802.88	Equipment Rental - MRF
79560	Car Trucking	45,081.37	Collection Contract
79561	Cintas Corporation	215.19	Maintenance of Building - MRF
79562	GFL Environmental USA	103,000.00	Collection Contract
79563	J & J Ace Hardware	9.18	Supplies - CS
79564	The City of Madison Heights	69.32	Utilities - MH
79565-79585		0.00	Voided checks
79586	Machinex Technologies	8,114.04	Maintenance of Equipment - MRF
79587	Mannik & Smith	1,550.00	Landfill Monitoring
79588	Michigan Cat	5,600.86	Maintenance of Equipment - TS
79589	Michigan Recycling Coalition	500.00	2024 Membership Renewal
79590	Plante & Moran	918.75	PMGAP Consulting
79591	Resource Recycling Systems Inc	3,910.00	Recycling Consulting
79592	RKA Petroleum Companies Inc	6,856.87	Fuel - TS, CS
79593	Terminal Supply Co.	290.14	Maintenance of Equipment - TS
79594	Total Trailer	2,965.45	Maintenance of Equipment - MRF
79595	Hubbell Roth & Clark Inc	10,523.65	Maintenance of Property & Grounds - TS
79596	Leadpoint	72,891.29	Temporary Staffing - MRF
79597	IDF Clean-up Inc	5,000.00	Equipment Rental - MRF
79598	Premier Properties & Management	936.08	Rental Property Maintenance
79599	Occupational Health Centers of Michigan	278.00	Pre-Hire Physical
79600	Bandit Industries	2,728.04	Maintenance of Equipment - CS
79601	Progressive Sweeping Contractors Inc	666.60	Maintenance of Property & Grounds - TS
79602	Rolly Electrical	4,435.00	Maintenance of Building - MRF
79603	Tringali Sanitation	11,776.71	Collection Contract
79604	Tringali Sanitation	17,033.71	Collection Contract
79605	Tringali Sanitation	63,956.78	Collection Contract
79606	CCP industries	279.90	Supplies - TS
79607	Car Trucking	118,866.63	Collection Contract
79608	Cintas Corporation	215.19	Maintenance of Building - MRF
79609	Environmental Woods Solutions	1,506.80	Contractual MSW
79610	GFL Environmental USA	115.91	Collection Contract
79611	GFL Environmental USA	4,012.50	Collection Contract

SOCRRA  
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RRA 848  
ACCT. 1009

CHECK #	PAYEE	AMOUNT	PURPOSE
79612	GFL Environmental USA	103,000.00	Collection Contract
79613	GFL Environmental USA	64,099.38	Collection Contract
79614	GFL Environmental USA	1,236.32	Collection Contract
79615	Infoview Systems Inc.	1,755.00	Office Expense
79616	IRIS Waste Diversion Specialists Inc.	3,504.39	Recycling Education
79617	J & J Ace Hardware	9.49	Maintenance of Building - CS
79618	Employee Optical Dental Reimbursement	307.00	Employee Optical Dental Reimbursement
79619	Rose Pest Solutions	216.00	Maintenance of Property & Grounds - TS
79620	The City of Troy	100.00	Maintenance of Building - MRF
79621	Tringali Sanitation	301,573.67	Collection Contract
79622	21C Advertising	278.21	Office Expense
79623	Waste Management of Michigan	2,142.68	Waste Disposal
79624	Leadpoint	30,499.45	Temporary Staffing - MRF
79625	Bandit Industries	227.06	Maintenance of Equipment - CS
79626	Fire Rover LLC	2,210.00	Maintenance of Equipment - MRF
79627	Dynamic Lifecycle Innovations	2,337.36	Electronics Recycling - MR
79628	Green Meadows Lawnscape Inc	709.29	Maintenance of Property & Grounds - TS
79629	Home Depot Credit Services	470.49	Maintenance of Building, Maintenance of Property & Grounds - CS
79630	Specialty Employment Services Inc	5,064.26	Temporary Staffing - MRF
79631	SOCWA	14,435.14	Administrative Wages, 2022-2023 Fleet Fuel
79632	Alerus Financial	2,217.97	Deferred Compensation
79633	RKA Petroleum Companies Inc.	2,847.98	Fuel - TS
79634	Big D. Lock City	395.00	Maintenance of Building - MRF
79635	CCP industries	295.71	Supplies - CS
79636	Car Trucking	97,589.08	Collection Contract
79637	Fairbanks Scales Inc.	2,877.77	Maintenance of Equipment - MRF
79638	Home Depot Credit Services	239.65	Tools - MRF, Maintenance of Building - CS
79639	J & J Ace Hardware	53.18	Maintenance of Building - CS
79640	Jay's Septic Tank Service	820.00	Maintenance of Equipment - CS
79641	KLM Scape & Snow LLC	2,504.00	Maintenance of Property & Grounds - CS
79642	MacAllister Rentals	1,404.00	Equipment Rental - MRF
79643	Metz Hydraulics LLC	1,375.00	Maintenance of Equipment - TS
79644	Michigan Cat	1,059.14	Maintenance of Equipment - MRF, TS, CS
79645	Mikes Pump Service	599.00	Maintenance of Property & Grounds - CS
79646	Propane Services/Superior Plus Energy Services	511.70	Fuel - MRF

SOCRRA  
CHECK WARRANT  
JULY 2023

RRA 848  
ACCT. 1009

CHECK #	PAYEE	AMOUNT	PURPOSE
79647	RKA Petroleum Companies Inc.	1,404.93	Fuel - TS
79648	Standard Insurance Company	516.30	Life Insurance
79649	IDF Clean-up Inc	5,000.00	Equipment Rental - MRF
79650	Great Lakes Lubricants	1,032.39	Maintenance of Equipment - CS
79651	Weingartz - Utica	144.96	Maintenance of Equipment - CS
79652	The Huntington National Bank	17,339.10	Compost Screener & Grinder
79653	Michigan Conference of Teamsters Welfare Fund	13,708.40	Health Insurance
79654	Employee Optical Dental Reimbursement	2,500.00	Employee Optical Dental Reimbursement
79655	Progressive Sweeping Contractors Inc.	2,666.40	Maintenance of Property & Grounds - TS, CS
79656	MI Conveyance Solutions	7,454.55	Maintenance of Equipment - MRF
79657	Metro Airport Truck	3,540.71	Maintenance of Equipment - TS
79658	GFL Environmental USA	103,869.28	Collection Contract
79659	GFL Environmental USA	95,431.15	Collection Contract
79660	Tringali Sanitation	621.64	Collection Contract
79661	Tringali Sanitation	3,729.84	Collection Contract
79662	Strategic Materials Inc	20,726.20	Glass Recycling
79663	ERG Environmental Services	55,870.06	HHW Service - MRF
79664	Voided Check	0.00	Voided check
79665	Latigo Transport Inc.	28,362.25	Hauling Compost
79666	Leadpoint	51,044.26	Temporary Staffing - MRF
79667	Tringali Sanitation	11,776.71	Collection Contract
79668	Tringali Sanitation	16,879.17	Collection Contract
79669	Tringali Sanitation	24,427.20	Collection Contract
79670	Tringali Sanitation	16,364.73	Collection Contract
79671	United States Treasury	36.00	2022 Q2 PICORI Fees
EPAY	Alerus Financial	20,074.91	Defined Benefit Pension
EPAY	BASIC	176.16	Quarterly Fees
EPAY	Comcast	970.06	Internet/Security - MRF, CS
EPAY	Consumers Energy	131.10	Natural Gas Service - MRF, CS
EPAY	DTE Energy	1,248.29	Electric Service - Landfill, MH
EPAY	Flagstar Bank	5,945.10	Credit Card - Detail on Page 6
EPAY	Metro Wireless	275.55	Internet/Security - MRF, CS
EPAY	WOW! Business	184.11	Internet/Security - MH

**2,132,172.13**

SOCRRA  
CHECK WARRANT  
JULY 2023

1020 OPERATION & MAINTENANCE FUND

**2,132,172.13**

I HEREBY CERTIFY THAT I HAVE EXAMINED THE INVOICES COVERED BY THE ABOVE VOUCHERS FOR RECEIPT OF MATERIALS OR SERVICES RENDERED AND THAT THE PRICES AND COMPUTATIONS ARE CORRECT.

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Treasurer

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**General Manager**

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**Secretary**

The payments listed above were presented to the board of Trustees and were reviewed with no objection August 9, 2023.

SOCRRA  
CHECK WARRANT  
JULY 2023

RRA 848  
ACCT. 1009

PAYEE		AMOUNT	PURPOSE
EPAY	Flagstar Credit Card - Detail	54.95	Administrative and Office
		50.58	Administrative and Office
		50.67	Administrative and Office
		35.00	Square Fees
		263.60	Maintenance of Building
		59.59	Personnel Improvement
		68.26	Personnel Improvement
		930.00	Maintenance of Building
		228.00	Tools
		35.91	Personnel Improvement
		578.95	Personnel Improvement
		65.15	Personnel Improvement
		59.71	Personnel Improvement
		20.00	Maintenance of Equipment
		238.98	Personnel Improvement
		130.28	Personnel Improvement
		116.83	Personnel Improvement
		60.39	Personnel Improvement
		348.31	Personnel Improvement
		37.49	Personnel Improvement
		392.85	Personnel Improvement
		322.97	Personnel Improvement
		591.53	Personnel Improvement
		51.77	Personnel Improvement
		104.06	Personnel Improvement
		107.09	Personnel Improvement
		32.67	Personnel Improvement
		615.00	Maintenance of Equipment
		27.66	Personnel Improvement
		24.37	Supplies
		168.04	Personnel Improvement
		74.44	Fuel

Board of Trustees  
SOCRRA

Subject: Investments – July 1, 2022 to June 30, 2023

Board Members:

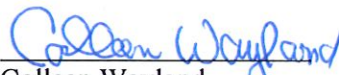
Attached is a list of investments made by the Authority during the fourth quarter of fiscal year 2022-2023. These investments comply with Act 79 of the Public Acts of 1979. The Authority's investment policy is to have 90% or more of all available funds invested. On June 30, 2023, the Authority had 99.9% of all funds invested and accruing interest.

The Board of Trustees has authorized the General Manager to enter into agreements with Michigan First Credit Union, Flagstar, PNC, and the Oakland County Local Government Investment Pool for the investment of surplus funds as provided for in Public Act 367. The attached list details interest income from these investments. The following table summarizes interest income over the prior 10 fiscal years.

<b>Fiscal Year</b>	<b>Interest Earned</b>
2012/13	22,636
2013/14	26,559
2014/15	23,483
2015/16	24,610
2016/17	67,040
2017/18	86,747
2018/19	71,581
2019/20	10,885
2020/21	28,656
2021/22	23,148
2022/23 4 <sup>th</sup> Quarter	83,966

It is recommended that this report be received and filed and made a part of the Board record.

Submitted by:

  
Colleen Wayland  
Accounting & Finance Manager

Approved by:

  
Jeffrey A. McKeen, P.E.  
General Manager

Suggested Resolution: "That the investments report made by the Authority for July 1, 2022 to June 30, 2023 be received and filed and made a part of the Board record."

**SOCRRA INVESTMENTS**

Fourth Quarter FY 22/23

<b>Interest Income by Account</b>	<b>July</b>	<b>August</b>	<b>September</b>	<b>October</b>	<b>November</b>	<b>December</b>	<b>January</b>	<b>February</b>	<b>March</b>	<b>April</b>	<b>May</b>	<b>June</b>	<b>Total</b>
1008 FLAGSTAR RECEIVING FUND	263.95	477.18	619.93	780.69	1,129.92	955.43	588.73	900.14	241.21	7.82	8.38	8.22	<b>5,981.60</b>
1008B FLAGSTAR ICS SWEEP RECEIVING	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2,048.30	2,701.62	3,490.77	3,097.97	<b>11,338.66</b>
1009 FLAGSTAR O & M FUNDS	2.55	3.49	4.07	5.10	6.08	6.64	7.22	6.71	210.98	332.30	441.34	310.11	<b>1,336.59</b>
1009B FLAGSTAR ICS SWEEP O & M	292.79	253.48	563.32	781.97	737.40	1,171.24	1,449.71	1,052.84	469.87				<b>6,772.62</b>
1130 FLAGSTAR CART FUND	27.99	37.77	44.50	57.19	68.96	56.56	28.19	26.50	30.98	31.26	34.02	33.14	<b>477.06</b>
1115 FLAGSTAR SAVINGS	241.41	325.73	383.76	493.22	594.69	652.36	712.55	669.84	783.30	790.27	859.99	837.77	<b>7,344.89</b>
1055 MI FIRST LONG TERM INVESTMENT	64.91	64.92	62.83	216.44	209.55	216.62	216.71	195.82	216.89	209.98	217.07	210.16	<b>2,101.90</b>
1125 FLAGSTAR DEVELOPMENT CD	0.00	0.00	0.00	0.00	202.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	<b>202.82</b>
1155 MMRMA INVESTMENT	0.00	0.00	3,884.25	0.00	0.00	4,009.35	0.00	0.00	3,684.53	0.00	0.00	0.00	<b>11,578.13</b>
1110 OAKLAND COUNTY INVESTMENT POOL	159.42	527.84	504.48	1,383.91	1,962.10	1,192.12	964.69	840.78	817.03	3,558.84	2,900.71	1,258.96	<b>16,070.88</b>
1105 PNC LONG TERM INVESTMENT	89.01	185.94	174.12	209.77	254.41	282.04	328.97	304.01	344.23	327.50	403.02	383.71	<b>3,286.73</b>
1006 ZION BANK RESERVE FUND	436.28	634.74	887.79	962.74	1,219.86	1,467.28	1,677.83	1,782.17	1,715.71	1,955.53	1,982.34	2,147.16	<b>16,869.43</b>
1010 ZION BANK BOND & INT REDEMPTION	52.05	0.24	0.34	0.36	0.46	0.56	310.26	157.08	2.22	26.09	26.45	28.65	<b>604.76</b>
<b>Total Interest Income</b>	<b>1,630.36</b>	<b>2,511.33</b>	<b>7,129.39</b>	<b>4,891.39</b>	<b>6,386.25</b>	<b>10,010.20</b>	<b>6,284.86</b>	<b>5,935.89</b>	<b>10,565.25</b>	<b>9,941.21</b>	<b>10,364.09</b>	<b>8,315.85</b>	<b>83,966.07</b>

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August 9, 2023

Mr. Jeffrey McKeen, General Manager  
SOCRRA  
3910 W. Webster Road  
Royal Oak, MI 48073-6764

*VIA ELECTRONIC MAIL*

Re: Quarterly Legal Report/SOCRRA

Dear Mr. McKeen:

This letter serves as the quarterly legal report for the past quarter. This report is also intended to set forth the expected legal work issues in the next quarter. This report is based on the issues presented to date. As the next quarter progresses, there may be new issues that require attention.

I. CURRENT PROJECTS

A. Ongoing Service Provider Contract Issues

Work with administration on the continued implementation of all four (4) service contracts as requested. Draft contract amendments as necessary. Assist in disputes as necessary. Analyze and address disputes and service-related issues as necessary. Strategy with administration on performance issues, penalties and site solutions.

Analyze and manage written contract disputes. Analyze dispute resolution requests as presented.

Work with administration to address member community disputes with service providers.

On-going meetings and conferences with service providers on contract performance and contract issues.

B. Ongoing Landfill Issues

SOCRRA is routinely inspected and receives a letter from the State on the results. As a result of meetings and negotiations, the landfill is now designated as closed by the MDEQ. The closure is retroactive to 2005 which provides SOCRRA with post closure relief in terms of the time and expenditures. Continue to analyze post closure obligations with administration and potential relief from end use plan financial obligations as currently imposed by the Circuit Court. Strategy with administration on fund release process. Continue to provide research and advise



on leachate management and compliance with PFAS discharge issues. Coordinate experts. Analyze recent State focus on PFOA and PFOS sampling results. Continue to review and assist with responses to State inspection issues. Continue to review and monitor all discharge issues. Continue to monitor gas sampling related to the closed Landfill.

C. Madison Heights Transfer Station/Troy Transfer Station

Continue to research upgrades and modifications to the facility. Ongoing discussion with EGLE on site compliance. Continue to monitor relationship with Madison Heights and EGLE.

Research and monitor ongoing issues with EGLE on Troy facility permit extension.

Continue to review and analyze sale of property issues, including indemnity on RAP documents and potential easement issues.

D. Compost Facility

Analyze site issues and potential expansion rights under Court rulings and controlling documents. Analyze site work issues and consulting contracts. Continue to analyze pending residential development near the facility. Analyze hours of operation and objectives of contractors.

II. NEXT QUARTER PROJECTS

A. Opinion Letters and Research as Requested and Authorized.

B. Review and develop contracts as requested on services/purchases required by SOCRRA.

C. Continued strategy on Madison Heights Transfer Station and facility improvements.

D. Continued review and conferences on potential sale and redevelopment of Madison Heights property as a whole.

E. Continue to review and determine impacts of recent changes to Part 115 regulations, including new Materials Management Plan requirements.

Should you have any questions and/or concerns, please do not hesitate to call.

Very truly yours,



Robert Charles Davis

**SOCRRA TONNAGE ANALYSIS**  
July 2023

Municipality	MSW			Compost			Recyclables			Total		
	2021	2022	2023	2021	2022	2023	2021	2022	2023	2021	2022	2023
Berkley	641.69	566.90	491.37	218.23	144.17	122.08	141.99	125.36	106.41	1,001.91	836.43	719.86
Beverly Hills	327.88	294.16	328.56	170.00	146.25	163.75	88.27	86.94	93.86	586.15	527.35	586.17
Birmingham	998.85	756.48	765.70	190.83	157.92	164.17	234.64	191.45	166.65	1,424.32	1,105.85	1,096.52
Clawson	405.04	410.53	369.70	120.00	97.50	117.50	71.90	68.68	63.18	596.94	576.71	550.38
Ferndale	993.81	829.00	812.68	198.75	150.00	210.00	179.41	136.89	149.66	1,371.97	1,115.89	1,172.34
Hazel Park	747.36	533.33	653.68	171.00	58.75	126.00	88.50	63.09	70.00	1,006.86	655.17	849.68
Huntington Woods	163.82	180.02	165.01	72.50	47.50	73.75	68.31	64.46	53.99	304.63	291.98	292.75
Lathrup Village	150.56	153.61	169.40	35.81	40.00	67.50	28.17	22.12	29.65	214.54	215.73	266.55
Oak Park	1171.12	881.79	833.70	183.75	207.71	111.00	132.02	60.74	105.59	1,486.89	1,150.24	1,050.29
Pleasant Ridge	67.70	71.83	85.12	27.50	35.03	48.75	26.04	26.55	25.57	121.24	133.41	159.44
Royal Oak	2125.76	1907.23	1,885.49	696.17	507.50	848.67	499.82	412.99	397.75	3,321.75	2,827.72	3,131.91
Troy	<u>2478.16</u>	<u>2259.81</u>	<u>2,395.55</u>	<u>852.08</u>	<u>710.81</u>	<u>867.50</u>	<u>504.10</u>	<u>455.62</u>	<u>471.20</u>	<u>3,834.34</u>	<u>3,426.24</u>	<u>3,734.25</u>
	10,271.75	8844.69	8,955.96	2,936.62	2,303.14	2,920.67	2,063.17	1,714.89	1,733.51	15,271.54	12,862.72	13,610.14
Other Customers	4223.25	4543.24	3,808.99	0.00	0.00	0.00	610.27	557.30	894.03	4,833.52	5,100.54	4,703.02
Authority	14,495.00	13,387.93	12,764.95	2,936.62	2,303.14	2,920.67	2,673.44	2,272.19	2,627.54	20,105.06	17,963.26	18,313.16

**SOCRRA TONNAGE PERCENTAGES**

**July 2023**

	<b>MSW</b>	<b>Compost</b>	<b>Recyclables</b>
	Percentage of City's	Percentage of City's	Percentage of City's
	Total Waste Stream	Total Waste Stream	Total Waste Stream
<u>Municipality</u>			
Berkley	68%	17%	15%
Beverly Hills	56%	28%	16%
Birmingham	70%	15%	15%
Clawson	67%	21%	12%
Ferndale	69%	18%	13%
Hazel Park	77%	15%	8%
Huntington Woods	56%	25%	19%
Lathrup Village	64%	25%	11%
Oak Park	79%	11%	10%
Pleasant Ridge	53%	31%	16%
Royal Oak	60%	27%	13%
Troy	64%	23%	13%

**SOCRRA**  
**Income Statement**  
**07/01/23 -07/31/23**

	<b>Actual-Period</b>	<b>Budget-Period</b>	<b>Variance</b>
<b>REVENUES</b>			
MEMBER MSW	1,927,164.84	1,885,116.00	42,048.84
MONTHLY SURCHARGE	94,001.00	94,001.00	0.00
NON-MEMBER MSW	157,258.92	200,000.00	(42,741.08)
NON-MEMBER YARD WASTE	0.00	2,000.00	(2,000.00)
<b>TOTAL REVENUES</b>	<b>2,178,424.76</b>	<b>2,181,117.00</b>	<b>(2,692.24)</b>
<b>SALE OF RECYCLED MATERIAL</b>			
MIXED PAPER	25,155.86	20,000.00	5,155.86
NEWSPAPER	0.00	1,000.00	(1,000.00)
CARDBOARD	47,014.50	36,000.00	11,014.50
SORTED OFFICE PAPER	0.00	0.00	0.00
PLASTICS	11,105.76	21,000.00	(9,894.24)
SCRAP METAL	13,267.32	7,000.00	6,267.32
ALUMINUM CANS	0.00	12,000.00	(12,000.00)
TIN CANS	6,125.10	8,000.00	(1,874.90)
MIXED RECYCLING - OTHERS	77,662.63	56,000.00	21,662.63
BATTERIES	0.00	0.00	0.00
<b>TOTAL SALE OF RECYCLED MATERIAL</b>	<b>180,331.17</b>	<b>161,000.00</b>	<b>19,331.17</b>
<b>OTHER INCOME</b>			
COMPOST	9,210.00	10,000.00	(790.00)
RENTAL INCOME	11,115.00	10,500.00	615.00
INTEREST ON INVESTMENTS	5,147.13	6,000.00	(852.87)
GRANT REVENUE	0.00	0.00	0.00
MISC INCOME	3,318.01	2,000.00	1,318.01
<b>TOTAL OTHER INCOME</b>	<b>28,790.14</b>	<b>28,500.00</b>	<b>290.14</b>
<b>TOTAL REVENUES</b>	<b>2,387,546.07</b>	<b>2,370,617.00</b>	<b>16,929.07</b>
<b>EXPENSES</b>			
MADISON HEIGHTS TRANSFER STATION	0.00	4,100.00	(4,100.00)
TROY TRANSFER STATION	45,698.26	60,650.00	(14,951.74)
MATERIAL RECOVERY FACILITY	38,497.75	218,200.00	(179,702.25)
HOUSEHOLD HAZARDOUS WASTE	4,965.96	42,750.00	(37,784.04)
COMPOST FACILITY	25,065.58	56,100.00	(31,034.42)
ADMINISTRATIVE AND GENERAL	45,894.91	207,000.00	(161,105.09)
COLLECTION CONTRACT EXPENSES	196.00	0.00	196.00
IN TRANSIT	1,630,142.00	1,646,667.00	(16,525.00)
<b>TOTAL EXPENSES</b>	<b>1,790,460.46</b>	<b>2,235,467.00</b>	<b>(445,006.54)</b>
<b>REVENUE OVER EXPENSES</b>	<b>597,085.61</b>	<b>135,150.00</b>	<b>461,935.61</b>

**SOCRRA**  
**FINANCIAL STATUS SUMMARY**  
**JULY 2022 - JULY 2023**

<u>Date</u>	<u>Unrestricted Cash</u>	<u>Working Capital</u>	<u>% of Goal</u>
6/30/2022	2,888,685	2,123,953	120.3%
7/29/2022	3,288,096	2,295,756	124.7%
8/31/2022	2,928,549	2,467,394	134.1%
9/30/2022	3,886,196	2,726,868	143.2%
10/31/2022	4,245,763	3,025,790	164.4%
11/30/2022	3,755,618	3,038,595	165.1%
12/29/2022	3,106,580	2,182,677	118.6%
1/31/2023	3,925,624	2,233,300	121.3%
2/28/2023	3,810,234	2,220,114	120.6%
3/31/2023	3,069,583	2,413,364	131.1%
4/28/2023	3,491,970	2,611,986	141.9%
5/31/2023	3,566,140	2,746,573	149.2%
6/30/2023	3,222,095	2,279,178	123.8%
7/31/2023	3,050,145	2,201,110	113.7%

**COMPOST PRODUCED & DELIVERED**  
*October 3, 2022 to July 29, 2023*

<b>Community</b>	<b>Finished Compost Received (cu. yds.)</b>	<b>Estimated Value</b>
<b>Berkley</b>	720	\$10,800
<b>Beverly Hills</b>	300	\$4,500
<b>Birmingham</b>	420	\$6,300
<b>Clawson</b>	660	\$9,900
<b>Ferndale</b>	480	\$7,200
<b>Hazel Park</b>	1,200	\$18,000
<b>Huntington Woods</b>	360	\$5,400
<b>Lathrup Village</b>	60	\$900
<b>Oak Park</b>	780	\$11,700
<b>Pleasant Ridge</b>	240	\$3,600
<b>Royal Oak</b>	1,440	\$21,600
<b>Troy</b>	1,082	\$16,230
	7,742	\$116,130
<b>SOCRRA activities</b>	0	\$0
<b>Rochester Hills residents</b>	225	\$3,375
<b>Cash Customers</b>	1,290	\$19,349
<b>Account Customers</b>	13,117	\$131,170
<b>Donations</b>	17	\$255
<b>TOTAL YARDS</b>	22,391	

August 2, 2023

Board of Trustees  
SOCRRA

Subject: Michigan Municipal Employees' Retirement System - Annual Meeting

Board Members:

The Annual Meeting of the Michigan Municipal Employees' Retirement System will be held on September 28 & 29 at the Detroit Marriott at the Renaissance Center in Detroit, Michigan.

It is proposed that the employee delegate represent SOCRRA and attend the meeting.

It is recommended that the Board adopt the attached resolution, providing for the employee delegate to participate in the Michigan Municipal Employees' Retirement System Annual Meeting.

Submitted by:

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Anne Farris  
Human Resources Associate

Approved by:

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Jeffrey A. McKeen, P.E.  
General Manager

AF  
Attach.

Suggested Resolution: "That the attached resolution be adopted."

# SOCRRA

## PROPOSED RESOLUTION

### Delegate and Alternate Annual Retirement System Meeting

WHEREAS, the Michigan Municipal Employees' Retirement System will hold its Annual Meeting at the Detroit Marriott at the Renaissance Center in Detroit, Michigan, on September 28 & 29, 2023, and

WHEREAS, SOCRRA employees have elected by secret ballot Ken Bragg as delegate to represent the employees of SOCRRA at this Annual Meeting;

NOW THEREFORE BE IT RESOLVED, that the Secretary be directed to notify the Michigan Municipal Employees' Retirement System of the employees' selection of the SOCRRA Delegate.



August 3, 2023

Board of Trustees  
SOCRRA

Subject: Operations Update

Board Members:

SOCRRA operations have continued in a normal fashion during July.

#### Collection

The collection contractors were able to remain on schedule for all of July. GFL and Tringali continue to collect later into the evenings as has been typical in recent months.

July 2023 had the same number of collection days as July 2022, therefore we would expect to see no change in tonnage if everything else was equal. Both refuse and recycling tonnage were about 1% higher than expected. These increases are opposite of the trends of lowering trash and recycling tonnage that we have observed for most of 2023.

	<u>July</u> <u>2023 tons</u>	<u>July</u> <u>2022 tons</u>	<u>% change</u>
Refuse	8,956	8,845	+ 1.3%
Recycling	1,734	1,715	+ 1.1%
Yard Waste	<u>2,921</u>	<u>2,303</u>	+ <u>26.8%</u>
TOTAL	13,610	12,863	+ 5.8%

#### SOCRRA Operations

SOCRRA operations at the Transfer Station were normal throughout July but we did have several days when we were unable to clean the floor. These were caused by a combination of late refuse deliveries by our contractors, GFL having an inadequate number of empty trailers available throughout the day and landfill issues. Mr. Davis and I submitted the appropriate penalty letter to GFL for the days when not having the floor cleaned was clearly the fault of GFL. The construction work to address the damaged concrete beam over the exit door of the Transfer Station has been completed and GFL has been billed for the repairs.

The amount of non-SOCRRA trash was 16% lower in July 2023 compared with July 2022 and was 18% higher than budgeted.

Between Leadpoint and CEO, the MRF is close to being fully staffed with sorters on most days.

The AMP sorting robot has been fully operational since August 1. For the month of July, the robot had 99% uptime with an average of 61 pick attempts per minute (attempts to pick up PP or HDPE natural objects) from the average 150 PP or HDPE natural objects per minute that were available on the container line. The robot uptime was at least 97% every day of July. AMP has been very complimentary for the high uptime percentage, which is better than most of AMP's installations.

We did have about two days of lost production in early July that was caused by an electrical issue in the motor that operates the ballistic sorter, which separates containers from paper. This problem was difficult to diagnose but easy to repair. We worked some additional hours at the MRF to process the stockpiled material that built up during this production outage.

EGLE and Glacier Robotics have completed their grant agreement. This grant, and related grants, will pay for most of the costs for installing a robot on the container line for our MRF and for installing a robot on the residue line at RRRASOC's MRF. We are working on the other agreements required for the Glacier Project. These include agreements between SOCRRA and Glacier Robotics and between SOCRRA and The Carton Council. These grant agreements will be presented to the Board as they are completed.

We have met with Glacier to kick off this project. The tentative in-service date for the robot is January 31, 2024. Glacier will be installing their camera system in September in order to begin developing their artificial intelligence system for our materials. This will require us to run power to the robot location a little sooner than I had anticipated.

We are awaiting feedback from the Closed Loop Fund, which provides low interest loans for MRF improvement projects, before developing a formal plan for MRF improvements. These improvements could include additional robots, an optical sort system and walking floors for our paper and cardboard bunkers.

Our grant application to EGLE's Recycling Quality Improvement grant program for the communities of Berkley, Oak Park and Troy was funded by EGLE. We are working with The Recycling Partnership (TRP), which is running this grant program for EGLE, to develop the data necessary for this project. TRP has run into problems in finding firms willing to conduct their on-street inspections of recycling carts. We are working with TRP to evaluate a truck mounted camera system that would assess contamination using an AI system. This system would take a picture of the contents of a contaminated recycling cart and send a post card to the resident informing them of the contamination and providing recycling instructions. This system would also produce recycling cart set-out data. This system has been successfully used in a similar project in East Lansing. We will be working with the three communities to develop a schedule for the grant activities after a decision has been made regarding the method of conducting the recycling cart inspections.

We were finally able to hire one mechanic at the MRF in mid-July and we have a second mechanic starting on August 7.

Lucas Dean, our MRF and Transfer Stations supervisor, is scheduled for back surgery on August 11. He has been off work for most of July and will probably remain off work until late September. Curtis Carter, our senior Mechanic, has been filling in for Lucas. Lucas is an extremely important part of our operation, and he will be missed while he is off work.

August paper prices for cardboard will be received on August 4 and will be reviewed with the Board at the August Board meeting. Plastic prices for August decreased sharply for all types, 45% for natural PE, 29% for PE color and 47% for PET. We are continuing to receive new

pricing for each load of plastic we ship. This is a sign of continuing volatility in the plastics market. Prices for all three types of plastic are lower than budgeted for this year.

Metal prices for July decreased by 7% for scrap metal and were unchanged for tin cans. August pricing for aluminum decreased by 5% from our most recent aluminum shipment in June. Revenue from the sale of recycled material was 2% below budget in July.

The number of recycling drop-off appointments decreased in July to 3,764 compared with 4,172 in June and 3,818 appointments in July of 2022. Every day in July was fully booked but we were able to maintain availability of next day appointments until late in the afternoon throughout the month. We routinely have six to eight days with available appointments.

We are continuing our schedule of Saturday appointments being available about every other week. We had appointments available for three Saturdays in July. All of those Saturdays were fully booked with appointments. Our current Saturday schedule is as follows:

August 5, 19, 26  
September 9, 23  
October 7, 21

We continue to closely monitor the number of available appointments.

Rochester Hills has inquired about extending our agreement, which expires in April of 2024. This request was prompted by Rochester Hills working on extending their collection contract with GFL, which also expires in April 2024. This agreement allows Rochester Hills' recycling to be delivered to the MRF and allows Rochester Hills residents to use the recycling drop-off service at the MRF. We provided approximate tip fees for recycling for 2024 and we told them that we would work on their contract extension over the next several months. We will bring a concept to review with the Board at a future Board meeting.

The Compost Site staff is continuing to work through the material that was stockpiled while the grinder was out of service. We had a small grinder fire in late July which damaged several wiring harnesses. Our mechanic installed temporary wiring and the grinder is back in service. We are awaiting the delivery of replacement wiring harnesses to complete permanent repairs.

We are working to close the books for 2022/23 and we are working on our preaudit activities. Our target date for closing the books is August 15. The Plante Moran auditors plan to be in our office on Tuesday, September 5 to do the field portion of their audit work.

Respectfully submitted,

Jeffrey A. McKeen, P.E.  
General Manager

Suggested Resolution: "That the report on Operations Update be received and filed."

August 3, 2023

Board of Trustees  
SOCRRA

Subject: Summary of 2022/23 Operations

Board Members:

This report summarizes the results from the 2022/23 fiscal year. The revenue information included in this report is very close to final. The expense information is preliminary with a few additional expense and revenue items still not received. The financial information also remains subject to our annual audit.

**MATERIAL HANDLED**

SOCRRA processed 222,987 tons of material in 2022/23. This was 2,909 tons (1.3%) less than the amount of material processed in 2021/22. Recycling tonnage received from the member communities decreased by 6.7% from 2021/22. The total amount of refuse received from the member communities decreased by 4,826 tons (4.4%). This was the second consecutive year of decreasing tonnage following two years of increasing tonnage. Refuse received from non-members decreased by 1,236 tons (2.7%). Recycling received from non-members increased by 1,440 tons (21%). The amount of yard waste received from the member communities increased by 3,264 tons (8.2%). The material processed is summarized below:

	Actual 2022/23	Budget 2022/23	Actual 2021/22
<b>MSW</b>			
Member	104,774	111,676	109,600
Non-member	45,285	41,678	46,521
<b>Yard Waste</b>			
Member	43,080	42,370	39,816
Non-member	23	34	29
<b>Recyclables</b>			
Member	21,519	23,019	23,068
Non-member	8,305	7,242	6,861
<b>TOTAL</b>	<b>222,987</b>	<b>226,019</b>	<b>225,896</b>
% recycled	13.4%	13.4%	13.2%
% composted	19.3%	18.8%	17.6%

## REVENUE

For the 2022/23 fiscal year, we recorded revenue of \$27,700,498 which is \$411,303 greater than budget. The revenue results are summarized below:

	Actual 2022/23	Budget 2022/23	Actual 2021/22
<b>REVENUE</b>			
Member refuse	\$21,923,313	\$21,544,183	\$20,930,109
Member surcharge	1,128,012	1,128,012	1,128,012
Non-member refuse	1,782,296	1,615,000	1,755,000
Yard waste non-member	19,070	30,000	14,268
Sale of Recyclables	1,555,538	2,017,000	2,989,072
Processing Recyclables	636,488	615,000	493,694
Compost Sales	140,529	160,000	135,666
Interest	83,966	30,000	23,148
Rental Homes	127,680	125,000	136,890
Miscellaneous	<u>303,605</u>	<u>25,000</u>	<u>215,060</u>
<b>TOTAL</b>	<b>\$27,770,498</b>	<b>\$27,289,195</b>	<b>\$27,820,919</b>

### REVENUE, ACTUAL vs. BUDGET

Actual revenue was \$411,303 (1.5%) above budget. This increase is primarily due to increases in:

- Member revenue (+\$379,000) due to additional services for the member communities.
- Non-member refuse (+\$167,000), due to higher than planned tonnage from Tringali Sanitation, GFL Environmental Services, Car Trucking, Dinverno and our small trash customers.
- Miscellaneous income (+\$146,000).
- Grant revenue (+\$132,000).
- Interest income (+\$54,000) due to higher interest rates and higher investment balances.
- Revenue for processing recyclables from other communities (+\$21,000)

These increases were partially offset by decreases in:

- Revenue from the sale of our recycled materials (-\$461,000), due to significantly lower than budgeted prices for all recycled materials for all of 2022/23.
- Sale of compost (-\$19,000)
- Non-member yard waste (-\$11,000).

The total revenue received from non-member sources was \$4,649,172 in 2022/23 and was 16.8% of total revenue. This was lower than in previous years due to the decrease in the prices for recycled commodities.

## REVENUE, ACTUAL 2022/23 vs. ACTUAL 2021/22

Revenue in 2022/23 was \$120,000 lower than revenue in 2021/22. This decrease was primarily due to decreases in

- Revenue from the sale of recyclables (-\$1,433,000) due to significantly lower commodity prices,
- Miscellaneous Income (-\$43,000),
- Rental income (-9,000) due to two vacancies for most of the fiscal year.

These increases were partially offset by increases in

- Member revenue (+\$993,000) due to the July 1, 2022 rate increase,
- Recycling revenue from other communities (+\$143,000) due to increased tonnage from Priority Waste,
- Grant revenue (+\$132,000),
- Non-member refuse (+\$27,000) due to the July 1, 2022 rate increase, which was partially offset by lower non-member refuse tonnage,
- Interest income (+\$60,000) due to higher interest rates and higher investment balances,
- Compost sales (+\$5,000),
- Non-member yard waste (+\$5,000).

## **EXPENSES**

<b>OPERATING EXPENSES</b>	Preliminary 2022/23	Budget 2022/23	Actual 2021/22
Madison Heights Transfer Station	\$40,279	\$66,000	\$151,862
Troy Transfer Station	4,512,900	4,399,400	4,153,485
MRF	3,007,059	2,303,000	2,579,774
HHW	600,939	547,800	570,656
Compost Site	535,022	626,000	494,320
Administrative & General	1,526,014	1,426,600	975,139
Collection Contract Expenses	15,570,475	15,100,000	14,433,068
Bond Principal and Interest	<u>1,383,000</u>	<u>1,383,000</u>	<u>1,363,075</u>
Total	\$27,175,691	\$25,922,000	\$24,807,704

## EXPENSES, ACTUAL vs. BUDGET

Other operating expenses for 2022/23 were \$1.3 million greater than budget. We are currently reviewing the expense detail.

## CAPITAL EXPENSES

Capital expenditures for 2022/23 totaled \$619,575 and were for payments for the new horizontal grinder at the Compost Site (\$173,000), the cost for repairing the entrance to the Troy Transfer Station (\$108,000), which will be reimbursed by GFL, the final costs of the MRF robot project (\$95,000), which will be partially reimbursed from our two grants for this project, a used shuttle truck for the Troy Transfer Station (\$80,000), payments for the new compost screener for the compost site (\$50,000), the first payment for a new loader at the Troy Transfer Station

(\$28,000), the replacement of the MRF scale (\$25,000), a fire detection system for the Troy Transfer Station (\$24,000), the replacement of the hopper for one of the two compactors at the Troy Transfer Station (\$24,000) and the replacement of the scale software, which is used at all our facilities (\$15,000).

**NET INCOME AND BOND COVERAGE**

Net income before depreciation was \$1.9 million, which was \$952,000 below budget. This resulted in 140% coverage of our bond principal and interest payments. This is the third consecutive year that our coverage was over 100%.

Respectfully submitted,

Jeffrey A. McKeen, P.E.  
General Manager

Suggested Resolution: “That the Summary of 2022/23 operations be received and filed.”

July 31, 2023

Board of Trustees  
SOCRRA

Subject: OPEB Actuarial Valuation Report

Board Members:

The June 30, 2023 actuarial valuation of SOCRRA's OPEB plan, which was developed using the Milliman tool, is attached.

Milliman concluded that SOCRRA's OPEB plan is 161.3% funded as of June 30, 2023. This is an increase from the 118.2% funded as of June 30, 2022 due to an increase in the OPEB plan assets and a decrease in actuarial liability.

The details of the analysis are as follows:

	Actuarial Liability	Actuarial Assets	Unfunded Liability	% Funded
SOCRRA Union Plan	\$ 452,227	\$ 729,373	\$ -277,147	161.3%

The recent history of our OPEB liabilities is contained in the following table:

**OPEB RESULTS-SOCRRA PLAN**

Valuation Date	Liability	Assets	Unfunded Liability	% Funded
6/30/2023	\$452,227	\$729,373	\$ -277,147	161.3%
6/30/2022	\$590,622	\$697,992	\$ -107,371	118.2%
6/30/2021	\$606,549	\$767,578	\$ -161,029	126.6%
6/30/2020	\$767,347	\$582,469	\$ 184,878	75.9%
6/30/2019 Milliman	\$747,780	\$550,975	\$ 196,805	73.7%
6/30/2019 GRS	\$633,547	\$550,975	\$ 82,572	87.0%
6/30/2018	\$619,708	\$525,711	\$ 93,997	84.8%
6/30/2017	\$602,989	\$478,280	\$ 124,709	79.3%
6/30/2016	\$563,913	\$430,347	\$ 133,566	76.3%
6/30/2015	\$618,507	\$393,879	\$ 224,628	63.7%
6/30/2014	\$611,756	\$351,129	\$ 260,627	57.4%

Given the fact that this plan is currently overfunded, the budget for 2023/24 was developed assuming that plan assets would be used to pay 100% of our retiree health care expenses and that we would not make an additional contribution to the plan. Plante Moran will be reviewing this actuarial study during their audit.



SOCRRA also has a share of the OPEB liability for the SOCWA salaried employees. As of June 30, 2023, this plan was 186.0% funded and there was no unfunded liability.

Respectfully submitted,

Jeffrey A. McKeen, P.E.  
General Manager

Suggested Resolution: "That the OPEB Actuarial Report be received and filed."



Attn: GASBhelp.com  
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July 31, 2023

Jeff McKeen  
General Manager  
SOCRRA  
3910 W. Webster  
Royal Oak, MI 48073

### GASBhelp Valuation Report

Thank you for using GASBhelp. This report contains the results of the Valuation Report using the Alternative Measurement Method in accordance with GASB 74/75. It also contains a detailed explanation of the methodology and results. All inputs and assumptions that impact the results are contained herein.

The exhibit below provides the key results from the GASB 74/75 OPEB valuation, which may be used in preparation of financial statements. A description of these results and how they were derived are detailed later in this report.

#### Key Results

Measurement Date: 6/30/2023

Actuarially Determined Contribution (ADC)	Service Cost (SC)	Amortization Payment	Fiduciary Net Position	Total OPEB Liability	Net OPEB Liability (NOL)
<b>(\$20,829)</b>	<b>\$2,808</b>	<b>(\$23,637)</b>	<b>\$729,373</b>	<b>\$452,227</b>	<b>(\$277,147)</b>

Please note that the Key Results in the table above were calculated using the Entry Age Normal Actuarial Cost Method as required by GASB 75. Also, note that for unfunded plans (plans without assets), the Actuarially Determined Contribution and the Amortization Payment are set to N/A.

*This report was prepared solely to provide assistance to (the) SOCRRA in Royal Oak, MI in determining values to be reported under GASB 75 and GASB 74. It may not be appropriate to use for other purposes. Milliman does not intend to benefit and assumes no duty or liability to other parties who receive this report. Copyright © 2023 Milliman, Inc.*

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## **SECTION 1** **OVERVIEW OF GASB 74 AND GASB 75**

The Government Accounting Standards Board (GASB) Statements 74 and 75 require government employers to perform periodic valuations to determine annual accounting costs related to Other (than pension) Post-Employment Benefits (OPEB). Government employers must also disclose information in their financial statements about asset and liability levels as well as historical contributions toward OPEB funding. Statement 75 focuses on the requirements for the actuarial valuation and reporting of OPEB liabilities. Statement 74 contains similar information but is only applicable for plans funding their OPEB liability. GASB 75 replaces GASB 45, which set initial standards for OPEB valuations several years ago; similarly, GASB 74 replaces GASB 43.

GASB 75 is effective for fiscal years beginning after June 15, 2017 for all entities. GASB 74 is effective one year earlier than that date.

GASB 75 applies to most benefits that are provided after retirement other than pension benefits: medical insurance, dental, vision, and hearing benefits plus life insurance and other non-pension post-employment benefits. The philosophy driving the accounting standard is that these post-employment benefits are part of the compensation that is paid to employees in return for their services, and the cost of these benefits should be recognized while the employees are providing those services, rather than after they have retired.

**GASBhelp is fully compliant with GASB 75.** The GASB 75 Alternative Measurement Method, while intended to simplify the valuation process for small employers, is still best performed by an expert or by using validated tools like GASBhelp in order to avoid errors. GASBhelp was created and rigorously checked by Milliman actuaries who have pension and health expertise, so auditors can recognize that the calculations performed by GASBhelp are fully compliant with GASB 75 and the Alternative Measurement Method. This report contains all auditor-required elements, including the information necessary to understand the inputs, assumptions, valuation methodology, and valuation results. Milliman customer service representatives are also available to answer questions that auditors or those who read this report may have.

## SECTION 2 THE LIABILITY DETERMINATION PROCESS

The process of determining the liability for retiree OPEB benefits is based on many assumptions about future events.

The key assumptions are:

- **Turnover and retirement rates:** How likely is it that an employee will remain employed by the same employer and qualify for post-employment benefits, and when will those benefits start?
- **Healthcare trend and claims costs assumptions:** When a retiree starts receiving post-employment benefits, possibly many years from now, how much will those benefits cost each year and how rapidly will the costs grow?
- **Mortality assumption:** How long is a retiree likely to receive the benefits?
- **Discount rate assumption:** What is the present value of those future benefit payments in terms of today's dollars?

According to GASB 75, "A liability should be recognized for the Net OPEB Liability. The Net OPEB Liability should be measured as the portion of the actuarial present value of projected benefit payments that is attributed to past periods of employee service, net of the OPEB plan's Fiduciary Net Position."

Therefore, the Net OPEB Liability is calculated as the Total OPEB Liability less the plan's Fiduciary Net Position. The Fiduciary Net Position is equal to the total assets set aside for funding. **If the OPEB plan is prefunded, the valuation will also need to determine an Actuarially Determined Contribution (ADC). If the plan is not prefunded, we set the ADC to N/A throughout this report.**

The ADC consists of two pieces:

- **Service Cost:** cost for OPEB benefits attributable to the current year of service.
- **Amortization Payment:** a catch-up payment for past normal costs to amortize the Net OPEB Liability. GASBhelp assumes a rolling 20-year amortization period.

**Note:** The ADC does not have to be paid each year, nor does it need to be calculated. However, if it is calculated, then it must be disclosed in financial statements annually for prefunded plans.

In addition, the discount rate used to calculate the liabilities must reflect the expected investment income of whatever funds are set aside to prefund the benefits; if there is no prefunding then the discount rate will be much lower and the liabilities significantly higher than if the benefits are prefunded. GASB 74 and 75 generally require that a blended discount rate be used to measure the Total OPEB Liability. The long-term expected rate of return on plan assets may be used to the extent that the plan's Fiduciary Net Position is projected to cover benefit payments and administrative expenses. A 20-year tax-exempt municipal bond yield must be used for periods where the Fiduciary Net Position is not projected to cover benefit payments and administrative expenses. Determining the discount rate under GASB 74 and 75 will often require that the actuary perform complex "depletion date" projections of future benefit payments and asset values; however, Paragraph 29 allows for alternative evaluations if such evaluation may be reliably made. The method for alternative evaluations is not specified but rather left to professional judgment.

Based on this requirement, if your plan is unfunded (i.e., you are paying for OPEB on a pay-as-you-go basis) or fully-funded (i.e., you expect that your plan assets will be sufficient over the projection period to offset OPEB liability), GASBhelp's online tool may be used in its entirety. For plans that are not prefunded, the discount rate will be based on the 20-year tax exempt municipal bond yield. For fully-funded plans, the discount rate will be based on your long-term expected rate of return on plan assets.

**If your plan is partially prefunded, meaning that the assets being set aside are expected to partially but not fully offset the liability over time, then you will use GASBhelp for all inputs and then Milliman will calculate the appropriate discount rate to use and provide you with a customized report. GASBhelp's online tool does not allow for discount rate calculations using the depletion date methodology so we will calculate the discount rate for you outside the web-based platform and deliver you a custom report.**

As an entity that qualifies to use the Alternative Measurement Method (AMM), the calculation of your Total OPEB Liability and ADC may be completed without a full actuarial valuation. The AMM calculation process is similar to an actuarial valuation, but with simplifications of several assumptions permitted per GASB guidelines. The GASBhelp tools' calculation process is built in accordance with the Alternative Measurement Method.

**SECTION 3**  
**KEY RESULTS, SENSITIVITY ANALYSIS, AND REPORTING ELEMENTS**

This exhibit provides the key results from the GASB 74 and GASB 75 OPEB valuation, which may be used in preparation of financial statements.

**Key Results**

**Measurement Date: 6/30/2023**

Actuarially Determined Contribution (ADC)	Service Cost (SC)	Amortization Payment	Fiduciary Net Position	Total OPEB Liability	Net OPEB Liability (NOL)
<b>(\$20,829)</b>	<b>\$2,808</b>	<b>(\$23,637)</b>	<b>\$729,373</b>	<b>\$452,227</b>	<b>(\$277,147)</b>

Two sensitivity analyses are then required by GASB 75 and/or GASB 74.

The first sensitivity analysis is required to show how your liability will change based on your assumed discount rate. As more assets are set aside to fund OPEB liabilities, your expected investment return may increase, offsetting more of your liability cost. A second sensitivity analysis is required to show how your liability will change based on a change in the healthcare trend rates used in the valuation.

**Sensitivity 1: Change in Discount Rate Assumption**

<b>Your discount rate baseline is:</b>	<b>6.850%</b>
--	---------------

The OPEB liability calculated using a discount rate 1% greater than and 1% less than the baseline discount rate are shown in the table below.

	Discount Rate - 1%	Baseline	Discount Rate + 1%
<b>Discount Rate</b>	<b>5.850%</b>	<b>6.850%</b>	<b>7.850%</b>
<b>Net OPEB Liability</b>	<b>(\$234,849)</b>	<b>(\$277,147)</b>	<b>(\$313,681)</b>
<b>Change from Baseline</b>	<b>\$42,298</b>	<b>\$0</b>	<b>(\$36,534)</b>

## Sensitivity 2: Change in Healthcare Trend Rate

Your healthcare trend rate baseline is:

	Medical	Pharmacy	Dental	Vision
Year 1	5.500%	5.200%	3.500%	3.000%
Year 2	5.300%	4.800%	3.500%	3.000%
Year 3	5.000%	4.700%	3.000%	3.000%
Year 4	4.800%	4.600%	3.000%	3.000%
Year 5	4.500%	4.500%	3.000%	3.000%
Year 6	4.500%	4.400%	3.000%	3.000%
Year 7	4.500%	4.300%	3.000%	3.000%
Year 8	4.500%	4.200%	3.000%	3.000%
Year 9	4.500%	4.200%	3.000%	3.000%
Year 10 +	4.500%	4.200%	3.000%	3.000%

The OPEB liability calculated using healthcare trend rates 1% greater than and 1% less than the baseline trends are shown in the table below. The ACA excise tax will ultimately affect all plans. Due to the variability of the ACA excise tax by plan, the user needs to estimate the impact and the trend. The excise tax could raise the average annual trend rate by 0.5% or more in each year.

	Baseline Trend - 1%	Baseline Trend	Baseline Trend + 1%
<b>Net OPEB Liability</b>	<b>(\$313,962)</b>	<b>(\$277,147)</b>	<b>(\$234,904)</b>
<b>Change from Baseline</b>	<b>(\$36,815)</b>	<b>\$0</b>	<b>\$42,243</b>



### Calculation of Changes in Net OPEB Liability

You are required to demonstrate the change in your Net OPEB Liability from the last reporting period to the current period. The Changes in Net OPEB Liability exhibit, populated based on user inputs and on GASBhelp valuation results, is shown below.

#### Changes in Net OPEB Liability Exhibit

Line #		Total OPEB Liability (a)	Change in Fiduciary Net Position (b)	Net OPEB Liability (a)-(b)
1	Balance as of Prior Measurement Date	\$590,622	\$697,992	(\$107,370)
2	Service Cost	\$3,724	N/A	\$3,724
3	Interest on Total OPEB Liability	\$40,989	N/A	\$40,989
4	Effect of Plan Changes*	\$0	N/A	\$0
5	Effect of Economic/Demographic Gains or Losses	(\$171,044)	N/A	(\$171,044)
6	Effect of Assumptions Changes or Inputs	\$5,821	N/A	\$5,821
7	Benefit Payments	(\$17,885)	(\$17,885)	\$0
8a	Employer Contributions	N/A	(\$635)	\$635
8b	Employee Contributions	N/A	\$0	\$0
9	Net Investment Income	N/A	\$51,199	(\$51,199)
10	Administrative Expenses	N/A	(\$1,298)	\$1,298
11	Balance as of Current Measurement Date	\$452,227	\$729,373	(\$277,147)

\*GASBhelp is able to generate the combined impact of Line 4 (Effect of Plan Changes) and Line 5 (Effect of Economic/Demographic Gains or Losses). For purposes of populating this exhibit we have put the entire value in Line 5. If you have not had any plan changes (e.g. changes in OPEB benefits, changes in eligibility requirements) since your last valuation, Line 4 may remain at \$0. If you have had OPEB plan changes you will need to estimate the portion of the displayed Line 5 adjustment due to plan changes and allocate it to Line 4 instead.

**GASBhelp Outputs to Aid You In Developing Exhibit**

Key	Date and Discount Rate Scenario	Measurement Date	Discount Rate	Total OPEB Liability (TOL)	Service Cost (SC)
<b>(i)</b>	Last Measurement Date, Last Year's Assumptions	6/30/2022	7.000%	\$416,761	\$2,603
<b>(ii)</b>	Current Measurement Date, Last Year's Assumptions	6/30/2023	7.000%	\$446,406	\$2,711
<b>(iii)</b>	Current Measurement Date, Current Assumptions	6/30/2023	6.850%	\$452,227	\$2,808
<b>(iv)</b>	Next Measurement Date, Current Assumptions	6/30/2024	6.850%	\$459,531	\$2,692

**Calculation of OPEB Expense:**

OPEB Expense must be demonstrated via the following calculation.

	<u>Item</u> <u>Value</u>
	Service Cost \$3,724
	+ Interest on Total OPEB Liability \$40,989
	+ Effect of Plan Changes^ \$0
	+ Administrative Expenses \$1,298
	- Employee Contributions \$0
	- Expected Investment Return Net of Investment Expenses (\$51,199)
	+ Recognition of Effect of Economic/Demographic Gains or Losses* (\$171,044)
	+ Recognition of Effect of Assumptions Changes or Inputs* \$5,821
	<b>OPEB Expense (\$170,411)</b>

\*Per GASB 75 Paragraph 43(a), deferred inflows/outflows of resources related to differences between actual and expected experience with regard to economic or demographic factors or changes in assumptions and other inputs should not be used under the Alternative Measurement Method. These items should be recognized in OPEB expense immediately. Per Paragraph 43(b), the difference between projected and actual earnings on OPEB plan investments should be recognized in OPEB expense over a closed 5 year period; the amount not immediately recognized should be reported as deferred inflows/outflows. **As such, if your plan does not have OPEB assets in a trust, deferred inflows/outflows are \$0. If you do invest assets in a trust backing the OPEB liability, then you must assess and track the deferred inflows/outflows related to actual versus expected investment earnings. This investment performance detail is not captured in GASBhelp and must be maintained by the auditor or accountant.**

^In this exhibit we have set the Effect of Plan Changes to 0. Per the note following the Changes in Net OPEB Liability Exhibit, our calculations cannot distinguish between Effect of Plan Changes and Effect of Economics/Demographic Gains or Losses. If you have not had any plan changes (e.g. changes in OPEB benefits, changes in eligibility requirements) since the last valuation, the Effect of Plan Changes may remain at 0. If you have had plan changes you will need to estimate those and adjust this exhibit to reflect them.

**SECTION 4**  
**SUMMARY OF CENSUS DATA**

Here is a summary of the number of employees covered by the benefit terms as required by GASB 75. This exhibit also serves as documentation of the census data you input, on which the valuation was calculated.

**Census Summary**

	Younger than 65 Years	65 Years or Older	Total
<b>Subscribers</b>	<b>6</b>	<b>12</b>	<b>18</b>
<b>Spouses</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total</b>	<b>6</b>	<b>12</b>	<b>18</b>
<b>Average Ages</b>	<b>54</b>	<b>83</b>	<b>74</b>

**Subscribers by Status**

	# Subscribers
<b>Active</b>	<b>6</b>
<b>Retired</b>	<b>12</b>
<b>Terminated</b>	<b>0</b>
<b>Deceased*</b>	<b>0</b>
<b>Total</b>	<b>18</b>

\*Deceased subscribers are only included when a surviving beneficiary is currently receiving benefits. The total number of subscribers by status may differ from the number of subscribers in the census summary, because the summary only includes living plan members.

**SECTION 5**  
**CURRENT PREMIUMS**

This exhibit serves as documentation of the premium and employer contribution information you input, on which the valuation was calculated.

**Total Monthly Premiums Paid to the Insurer**

Retiree Health		
Medical, Pharmacy Coverage	Single Premium	Family Premium
Subscriber Under 65	\$866.63	\$1,733.26
Subscriber Over 65	\$159.76	\$319.53

- \* Premium Effective Date: **7/1/2023**.
- \* Number of Premium Payments per Year: **12**.
- \* May be Covered: **The Subscriber and Spouse**. Not Children.
- \* This benefit pays: **Secondary to Medicare**.
- \* Benefit for: **Both early retirees (pre-65) and regular retirees (65-and-over)**
- \* Total tiered premiums due to the insurer exist for each segment: actives, pre-Medicare-eligible retirees, and Medicare-eligible retirees.

**Employer Contributions toward the Monthly Premiums**

Medicare Eligible - Retiree Health		
Medical, Pharmacy Coverage	Single Contribution	Family Contribution
Subscriber Under 65	\$693.30	\$1,386.61
Subscriber Over 65	\$127.81	\$255.62

- \* Contribution Type: **Fixed Percent**
- \* Eligibility requirements for this benefit:
  - Minimum age before retirement (termination): **55**
  - Minimum required years of service: **25**

**SECTION 6**  
**SUMMARY OF KEY ASSUMPTIONS AND METHODS**

The exhibit below provides key assumptions and methods used in the valuation as well as user inputs.

**Key Assumptions and Methods Used in the Valuation**

Assumptions	User Defined Values are in Bold
<b>Age Adjustment Factor:</b>	1
<b>Average Retirement Age:</b>	<b>60</b>
<b>Employer Future Premium Contribution:</b>	<b>Remain a level % of the total cost over time</b>
<b>Actuarial Cost Method:</b>	Entry Age Normal
<b>Amortization Method:</b>	Level Percentage of Payroll
<b>Assets Backing OPEB Liability:</b>	<b>\$729,373</b>
<b>Plan Asset Return:</b>	<b>6.850%</b>
<b>Bond Yield:</b>	<b>4.170%</b>
<b>Discount Rate:</b>	6.850%
<b>Measurement Date:</b>	6/30/2023
<b>Prior Measurement Date:</b>	6/30/2022
<b>Prior Year Discount Rate:</b>	7.000%
<b>Projected Salary Increases:</b>	<b>3.25%</b>
<b>Amortization Period:</b>	20
<b>Percentage Participation:</b>	100.00%
<b>NOL and ADC:</b>	Calculated using the Alternative Measurement Method in accordance with GASB methodology.
<b>Mortality Table:</b>	Pub-2010 Public Retirement Plans Mortality Tables, with mortality improvement projected for 10 years.
<b>Turnover Assumption:</b>	Derived from data maintained by the U.S. Office of Personnel Management regarding the most recent experience of the employee group covered by the Federal Employees Retirement System

Payroll Growth Assumption Source: Michigan Uniform Assumptions

The exhibit below provides user inputs used in the financial reporting section.

**Key Inputs Used in the Financial Reporting Section**

User Inputs	Values
Total OPEB Liability Prior Balance:	\$590,622
Prior Fiduciary Net Position:	\$697,992
Prior Service Cost:	\$3,724
OPEB Benefit Payments:	\$17,885
Employer Contributions to OPEB Trust:	\$0
Employee Contributions to OPEB Trust:	\$0
Net Investment Income from OPEB Trust:	\$51,199
Administrative Expenses from OPEB Trust:	\$1,298

**Healthcare Cost Trend Rates**

	Medical	Pharmacy	Dental	Vision
Year 1	5.500%	5.200%	3.500%	3.000%
Year 2	5.300%	4.800%	3.500%	3.000%
Year 3	5.000%	4.700%	3.000%	3.000%
Year 4	4.800%	4.600%	3.000%	3.000%
Year 5	4.500%	4.500%	3.000%	3.000%
Year 6	4.500%	4.400%	3.000%	3.000%
Year 7	4.500%	4.300%	3.000%	3.000%
Year 8	4.500%	4.200%	3.000%	3.000%
Year 9	4.500%	4.200%	3.000%	3.000%
Year 10 +	4.500%	4.200%	3.000%	3.000%

Healthcare Cost Trend Source: Michigan Uniform Assumptions The ACA excise tax will ultimately affect all plans. Due to the variability of the ACA excise tax by plan, the user needs to estimate the impact and adjust the trend. The excise tax could raise the average annual trend rate by 0.5% or more in each year.



## **SECTION 7** **REQUIRED SUPPLEMENTAL INFORMATION**

GASB 75 requires the following supplementary information to be reported separately for each plan through which OPEB is provided. Your auditor should work with you to compile this supplementary information. The information requiring disclosure can be found in paragraphs 55 through 57 in the GASB 75 text. In this section we provide guidance on this reporting and data elements from the valuation that must be used in the reporting.

1. A 10-year schedule of the changes in the Net OPEB Liability that separately presents the sources of change in the Net OPEB Liability.

For this schedule, you can use the results shown in the Calculation of Changes in Net OPEB Liability exhibit detailed in Section 3 of this report as well as historical information. The schedule should include the Total OPEB Liability, the OPEB plan's Fiduciary Net Position, the Net OPEB Liability, the OPEB plan's Fiduciary Net Position as a percentage of the progression over time of Total OPEB Liability, the covered employee payroll, and the Net OPEB Liability as a percentage of covered employee payroll.

2. A 10-year schedule of actuarially determined contributions if applicable. Include the amount of contributions recognized by the OPEB plan in relation to the ADC and the difference between the ADC and the contributions. Also include the covered employee payroll and the contributions recognized as a percentage of covered employee payroll. Covered payroll is not an output of GASBhelp.
3. For prefunded plans, the money-weighted rate of return must be calculated and disclosed. GASBhelp does not provide this calculation as it is based on the timing and nature of each entity's investments and cashflows. We recommend working with an accountant or auditor on these supplemental exhibits. They are not provided by GASBhelp.

**SECTION 8  
 INDIVIDUAL SUBSCRIBER DATA**

This exhibit contains the data provided for each of the subscribers that the user keyed in to the system.

Subscriber ID: <b>BK</b> Gender: <b>M</b>								
Status	Birth Yr	Hire Yr	Service Credits	Retirement Yr	Medicare Opt Out	Spouse Birth Yr	Child Birth Yr	Group
Retired	1934	1957	N/A	1990	Medicare Eligible	N/A	N/A	Medicare Eligible
<b>Pre 65 Medical Plan</b>	<b>Pre 65 Medical Tier</b>	<b>Pre 65 Pharmacy Plan</b>	<b>Pre 65 Pharmacy Tier</b>	<b>Pre 65 Dental Plan</b>	<b>Pre 65 Dental Tier</b>	<b>Pre 65 Vision Plan</b>	<b>Pre 65 Vision Tier</b>	<b>Pre 65 Life Plan</b>
No Coverage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Post 65 Medical Plan</b>	<b>Post 65 Medical Tier</b>	<b>Post 65 Pharmacy Plan</b>	<b>Post 65 Pharmacy Tier</b>	<b>Post 65 Dental Plan</b>	<b>Post 65 Dental Tier</b>	<b>Post 65 Vision Plan</b>	<b>Post 65 Vision Tier</b>	<b>Post 65 Life Plan</b>
Retiree Health	Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Subscriber ID: <b>BK spouse</b> Gender: <b>M</b>								
Status	Birth Yr	Hire Yr	Service Credits	Retirement Yr	Medicare Opt Out	Spouse Birth Yr	Child Birth Yr	Group
Retired	1934	1957	N/A	1990	Medicare Eligible	N/A	N/A	Medicare Eligible
<b>Pre 65 Medical Plan</b>	<b>Pre 65 Medical Tier</b>	<b>Pre 65 Pharmacy Plan</b>	<b>Pre 65 Pharmacy Tier</b>	<b>Pre 65 Dental Plan</b>	<b>Pre 65 Dental Tier</b>	<b>Pre 65 Vision Plan</b>	<b>Pre 65 Vision Tier</b>	<b>Pre 65 Life Plan</b>
No Coverage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Post 65 Medical Plan</b>	<b>Post 65 Medical Tier</b>	<b>Post 65 Pharmacy Plan</b>	<b>Post 65 Pharmacy Tier</b>	<b>Post 65 Dental Plan</b>	<b>Post 65 Dental Tier</b>	<b>Post 65 Vision Plan</b>	<b>Post 65 Vision Tier</b>	<b>Post 65 Life Plan</b>
Retiree Health	Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Subscriber ID: <b>CC</b> Gender: <b>M</b>								
Status	Birth Yr	Hire Yr	Service Credits	Retirement Yr	Medicare Opt Out	Spouse Birth Yr	Child Birth Yr	Group
Active	1968	1994	N/A	N/A	Medicare Eligible	N/A	N/A	Medicare Eligible
<b>Pre 65 Medical Plan</b>	<b>Pre 65 Medical Tier</b>	<b>Pre 65 Pharmacy Plan</b>	<b>Pre 65 Pharmacy Tier</b>	<b>Pre 65 Dental Plan</b>	<b>Pre 65 Dental Tier</b>	<b>Pre 65 Vision Plan</b>	<b>Pre 65 Vision Tier</b>	<b>Pre 65 Life Plan</b>
Retiree Health	Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Post 65 Medical Plan</b>	<b>Post 65 Medical Tier</b>	<b>Post 65 Pharmacy Plan</b>	<b>Post 65 Pharmacy Tier</b>	<b>Post 65 Dental Plan</b>	<b>Post 65 Dental Tier</b>	<b>Post 65 Vision Plan</b>	<b>Post 65 Vision Tier</b>	<b>Post 65 Life Plan</b>
Retiree Health	Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Subscriber ID: <b>CC spouse</b> Gender: <b>M</b>								
Status	Birth Yr	Hire Yr	Service Credits	Retirement Yr	Medicare Opt Out	Spouse Birth Yr	Child Birth Yr	Group
Active	1968	1994	N/A	N/A	Medicare Eligible	N/A	N/A	Medicare Eligible
<b>Pre 65 Medical Plan</b>	<b>Pre 65 Medical Tier</b>	<b>Pre 65 Pharmacy Plan</b>	<b>Pre 65 Pharmacy Tier</b>	<b>Pre 65 Dental Plan</b>	<b>Pre 65 Dental Tier</b>	<b>Pre 65 Vision Plan</b>	<b>Pre 65 Vision Tier</b>	<b>Pre 65 Life Plan</b>
Retiree Health	Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Post 65 Medical Plan</b>	<b>Post 65 Medical Tier</b>	<b>Post 65 Pharmacy Plan</b>	<b>Post 65 Pharmacy Tier</b>	<b>Post 65 Dental Plan</b>	<b>Post 65 Dental Tier</b>	<b>Post 65 Vision Plan</b>	<b>Post 65 Vision Tier</b>	<b>Post 65 Life Plan</b>
Retiree Health	Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Subscriber ID: <b>DP</b> Gender: <b>M</b>								
Status	Birth Yr	Hire Yr	Service Credits	Retirement Yr	Medicare Opt Out	Spouse Birth Yr	Child Birth Yr	Group

*This report was prepared solely to provide assistance to (the) SOCRRA in Royal Oak, MI in determining values to be reported under GASB 75 and GASB 74. It may not be appropriate to use for other purposes. Milliman does not intend to benefit and assumes no duty or liability to other parties who receive this report. Copyright © 2023 Milliman, Inc.*

Active	1962	1993	N/A	N/A	Medicare Eligible	N/A	N/A	Medicare Eligible
<b>Pre 65 Medical Plan</b>	<b>Pre 65 Medical Tier</b>	<b>Pre 65 Pharmacy Plan</b>	<b>Pre 65 Pharmacy Tier</b>	<b>Pre 65 Dental Plan</b>	<b>Pre 65 Dental Tier</b>	<b>Pre 65 Vision Plan</b>	<b>Pre 65 Vision Tier</b>	<b>Pre 65 Life Plan</b>
Retiree Health	Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Post 65 Medical Plan</b>	<b>Post 65 Medical Tier</b>	<b>Post 65 Pharmacy Plan</b>	<b>Post 65 Pharmacy Tier</b>	<b>Post 65 Dental Plan</b>	<b>Post 65 Dental Tier</b>	<b>Post 65 Vision Plan</b>	<b>Post 65 Vision Tier</b>	<b>Post 65 Life Plan</b>
Retiree Health	Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Subscriber ID: <b>DP spouse</b> Gender: <b>M</b>								
<b>Status</b>	<b>Birth Yr</b>	<b>Hire Yr</b>	<b>Service Credits</b>	<b>Retirement Yr</b>	<b>Medicare Opt Out</b>	<b>Spouse Birth Yr</b>	<b>Child Birth Yr</b>	<b>Group</b>
Active	1962	1993	N/A	N/A	Medicare Eligible	N/A	N/A	Medicare Eligible
<b>Pre 65 Medical Plan</b>	<b>Pre 65 Medical Tier</b>	<b>Pre 65 Pharmacy Plan</b>	<b>Pre 65 Pharmacy Tier</b>	<b>Pre 65 Dental Plan</b>	<b>Pre 65 Dental Tier</b>	<b>Pre 65 Vision Plan</b>	<b>Pre 65 Vision Tier</b>	<b>Pre 65 Life Plan</b>
Retiree Health	Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Post 65 Medical Plan</b>	<b>Post 65 Medical Tier</b>	<b>Post 65 Pharmacy Plan</b>	<b>Post 65 Pharmacy Tier</b>	<b>Post 65 Dental Plan</b>	<b>Post 65 Dental Tier</b>	<b>Post 65 Vision Plan</b>	<b>Post 65 Vision Tier</b>	<b>Post 65 Life Plan</b>
Retiree Health	Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Subscriber ID: <b>ES</b> Gender: <b>M</b>								
<b>Status</b>	<b>Birth Yr</b>	<b>Hire Yr</b>	<b>Service Credits</b>	<b>Retirement Yr</b>	<b>Medicare Opt Out</b>	<b>Spouse Birth Yr</b>	<b>Child Birth Yr</b>	<b>Group</b>
Retired	1943	1968	N/A	1998	Medicare Eligible	N/A	N/A	Medicare Eligible
<b>Pre 65 Medical Plan</b>	<b>Pre 65 Medical Tier</b>	<b>Pre 65 Pharmacy Plan</b>	<b>Pre 65 Pharmacy Tier</b>	<b>Pre 65 Dental Plan</b>	<b>Pre 65 Dental Tier</b>	<b>Pre 65 Vision Plan</b>	<b>Pre 65 Vision Tier</b>	<b>Pre 65 Life Plan</b>
No Coverage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Post 65 Medical Plan</b>	<b>Post 65 Medical Tier</b>	<b>Post 65 Pharmacy Plan</b>	<b>Post 65 Pharmacy Tier</b>	<b>Post 65 Dental Plan</b>	<b>Post 65 Dental Tier</b>	<b>Post 65 Vision Plan</b>	<b>Post 65 Vision Tier</b>	<b>Post 65 Life Plan</b>
Retiree Health	Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Subscriber ID: <b>ES spouse</b> Gender: <b>M</b>								
<b>Status</b>	<b>Birth Yr</b>	<b>Hire Yr</b>	<b>Service Credits</b>	<b>Retirement Yr</b>	<b>Medicare Opt Out</b>	<b>Spouse Birth Yr</b>	<b>Child Birth Yr</b>	<b>Group</b>
Retired	1943	1968	N/A	1998	Medicare Eligible	N/A	N/A	Medicare Eligible
<b>Pre 65 Medical Plan</b>	<b>Pre 65 Medical Tier</b>	<b>Pre 65 Pharmacy Plan</b>	<b>Pre 65 Pharmacy Tier</b>	<b>Pre 65 Dental Plan</b>	<b>Pre 65 Dental Tier</b>	<b>Pre 65 Vision Plan</b>	<b>Pre 65 Vision Tier</b>	<b>Pre 65 Life Plan</b>
No Coverage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Post 65 Medical Plan</b>	<b>Post 65 Medical Tier</b>	<b>Post 65 Pharmacy Plan</b>	<b>Post 65 Pharmacy Tier</b>	<b>Post 65 Dental Plan</b>	<b>Post 65 Dental Tier</b>	<b>Post 65 Vision Plan</b>	<b>Post 65 Vision Tier</b>	<b>Post 65 Life Plan</b>
Retiree Health	Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Subscriber ID: <b>JS</b> Gender: <b>M</b>								
<b>Status</b>	<b>Birth Yr</b>	<b>Hire Yr</b>	<b>Service Credits</b>	<b>Retirement Yr</b>	<b>Medicare Opt Out</b>	<b>Spouse Birth Yr</b>	<b>Child Birth Yr</b>	<b>Group</b>
Retired	1942	1969	N/A	1997	Medicare Eligible	N/A	N/A	Medicare Eligible
<b>Pre 65 Medical Plan</b>	<b>Pre 65 Medical Tier</b>	<b>Pre 65 Pharmacy Plan</b>	<b>Pre 65 Pharmacy Tier</b>	<b>Pre 65 Dental Plan</b>	<b>Pre 65 Dental Tier</b>	<b>Pre 65 Vision Plan</b>	<b>Pre 65 Vision Tier</b>	<b>Pre 65 Life Plan</b>
No Coverage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Post 65 Medical Plan</b>	<b>Post 65 Medical Tier</b>	<b>Post 65 Pharmacy Plan</b>	<b>Post 65 Pharmacy Tier</b>	<b>Post 65 Dental Plan</b>	<b>Post 65 Dental Tier</b>	<b>Post 65 Vision Plan</b>	<b>Post 65 Vision Tier</b>	<b>Post 65 Life Plan</b>
Retiree Health	Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Subscriber ID: <b>JS spouse</b> Gender: <b>M</b>								
<b>Status</b>	<b>Birth Yr</b>	<b>Hire Yr</b>	<b>Service Credits</b>	<b>Retirement Yr</b>	<b>Medicare Opt Out</b>	<b>Spouse Birth Yr</b>	<b>Child Birth Yr</b>	<b>Group</b>

Retired	1942	1969	N/A	1997	Medicare Eligible	N/A	N/A	Medicare Eligible
<b>Pre 65 Medical Plan</b>	<b>Pre 65 Medical Tier</b>	<b>Pre 65 Pharmacy Plan</b>	<b>Pre 65 Pharmacy Tier</b>	<b>Pre 65 Dental Plan</b>	<b>Pre 65 Dental Tier</b>	<b>Pre 65 Vision Plan</b>	<b>Pre 65 Vision Tier</b>	<b>Pre 65 Life Plan</b>
No Coverage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Post 65 Medical Plan</b>	<b>Post 65 Medical Tier</b>	<b>Post 65 Pharmacy Plan</b>	<b>Post 65 Pharmacy Tier</b>	<b>Post 65 Dental Plan</b>	<b>Post 65 Dental Tier</b>	<b>Post 65 Vision Plan</b>	<b>Post 65 Vision Tier</b>	<b>Post 65 Life Plan</b>
Retiree Health	Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Subscriber ID: <b>KB</b> Gender: <b>M</b>								
<b>Status</b>	<b>Birth Yr</b>	<b>Hire Yr</b>	<b>Service Credits</b>	<b>Retirement Yr</b>	<b>Medicare Opt Out</b>	<b>Spouse Birth Yr</b>	<b>Child Birth Yr</b>	<b>Group</b>
Active	1973	1992	N/A	N/A	Medicare Eligible	N/A	N/A	Medicare Eligible
<b>Pre 65 Medical Plan</b>	<b>Pre 65 Medical Tier</b>	<b>Pre 65 Pharmacy Plan</b>	<b>Pre 65 Pharmacy Tier</b>	<b>Pre 65 Dental Plan</b>	<b>Pre 65 Dental Tier</b>	<b>Pre 65 Vision Plan</b>	<b>Pre 65 Vision Tier</b>	<b>Pre 65 Life Plan</b>
Retiree Health	Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Post 65 Medical Plan</b>	<b>Post 65 Medical Tier</b>	<b>Post 65 Pharmacy Plan</b>	<b>Post 65 Pharmacy Tier</b>	<b>Post 65 Dental Plan</b>	<b>Post 65 Dental Tier</b>	<b>Post 65 Vision Plan</b>	<b>Post 65 Vision Tier</b>	<b>Post 65 Life Plan</b>
Retiree Health	Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Subscriber ID: <b>KB spouse</b> Gender: <b>M</b>								
<b>Status</b>	<b>Birth Yr</b>	<b>Hire Yr</b>	<b>Service Credits</b>	<b>Retirement Yr</b>	<b>Medicare Opt Out</b>	<b>Spouse Birth Yr</b>	<b>Child Birth Yr</b>	<b>Group</b>
Active	1973	1992	N/A	N/A	Medicare Eligible	N/A	N/A	Medicare Eligible
<b>Pre 65 Medical Plan</b>	<b>Pre 65 Medical Tier</b>	<b>Pre 65 Pharmacy Plan</b>	<b>Pre 65 Pharmacy Tier</b>	<b>Pre 65 Dental Plan</b>	<b>Pre 65 Dental Tier</b>	<b>Pre 65 Vision Plan</b>	<b>Pre 65 Vision Tier</b>	<b>Pre 65 Life Plan</b>
Retiree Health	Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Post 65 Medical Plan</b>	<b>Post 65 Medical Tier</b>	<b>Post 65 Pharmacy Plan</b>	<b>Post 65 Pharmacy Tier</b>	<b>Post 65 Dental Plan</b>	<b>Post 65 Dental Tier</b>	<b>Post 65 Vision Plan</b>	<b>Post 65 Vision Tier</b>	<b>Post 65 Life Plan</b>
Retiree Health	Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Subscriber ID: <b>LS</b> Gender: <b>M</b>								
<b>Status</b>	<b>Birth Yr</b>	<b>Hire Yr</b>	<b>Service Credits</b>	<b>Retirement Yr</b>	<b>Medicare Opt Out</b>	<b>Spouse Birth Yr</b>	<b>Child Birth Yr</b>	<b>Group</b>
Retired	1929	1966	N/A	1991	Medicare Eligible	N/A	N/A	Medicare Eligible
<b>Pre 65 Medical Plan</b>	<b>Pre 65 Medical Tier</b>	<b>Pre 65 Pharmacy Plan</b>	<b>Pre 65 Pharmacy Tier</b>	<b>Pre 65 Dental Plan</b>	<b>Pre 65 Dental Tier</b>	<b>Pre 65 Vision Plan</b>	<b>Pre 65 Vision Tier</b>	<b>Pre 65 Life Plan</b>
No Coverage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Post 65 Medical Plan</b>	<b>Post 65 Medical Tier</b>	<b>Post 65 Pharmacy Plan</b>	<b>Post 65 Pharmacy Tier</b>	<b>Post 65 Dental Plan</b>	<b>Post 65 Dental Tier</b>	<b>Post 65 Vision Plan</b>	<b>Post 65 Vision Tier</b>	<b>Post 65 Life Plan</b>
Retiree Health	Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Subscriber ID: <b>LS spouse</b> Gender: <b>M</b>								
<b>Status</b>	<b>Birth Yr</b>	<b>Hire Yr</b>	<b>Service Credits</b>	<b>Retirement Yr</b>	<b>Medicare Opt Out</b>	<b>Spouse Birth Yr</b>	<b>Child Birth Yr</b>	<b>Group</b>
Retired	1929	1966	N/A	1991	Medicare Eligible	N/A	N/A	Medicare Eligible
<b>Pre 65 Medical Plan</b>	<b>Pre 65 Medical Tier</b>	<b>Pre 65 Pharmacy Plan</b>	<b>Pre 65 Pharmacy Tier</b>	<b>Pre 65 Dental Plan</b>	<b>Pre 65 Dental Tier</b>	<b>Pre 65 Vision Plan</b>	<b>Pre 65 Vision Tier</b>	<b>Pre 65 Life Plan</b>
No Coverage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Post 65 Medical Plan</b>	<b>Post 65 Medical Tier</b>	<b>Post 65 Pharmacy Plan</b>	<b>Post 65 Pharmacy Tier</b>	<b>Post 65 Dental Plan</b>	<b>Post 65 Dental Tier</b>	<b>Post 65 Vision Plan</b>	<b>Post 65 Vision Tier</b>	<b>Post 65 Life Plan</b>
Retiree Health	Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Subscriber ID: <b>RA</b> Gender: <b>M</b>								

Status	Birth Yr	Hire Yr	Service Credits	Retirement Yr	Medicare Opt Out	Spouse Birth Yr	Child Birth Yr	Group
Retired	1932	1956	N/A	1994	Medicare Eligible	N/A	N/A	Medicare Eligible
<b>Pre 65 Medical Plan</b>	<b>Pre 65 Medical Tier</b>	<b>Pre 65 Pharmacy Plan</b>	<b>Pre 65 Pharmacy Tier</b>	<b>Pre 65 Dental Plan</b>	<b>Pre 65 Dental Tier</b>	<b>Pre 65 Vision Plan</b>	<b>Pre 65 Vision Tier</b>	<b>Pre 65 Life Plan</b>
No Coverage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Post 65 Medical Plan</b>	<b>Post 65 Medical Tier</b>	<b>Post 65 Pharmacy Plan</b>	<b>Post 65 Pharmacy Tier</b>	<b>Post 65 Dental Plan</b>	<b>Post 65 Dental Tier</b>	<b>Post 65 Vision Plan</b>	<b>Post 65 Vision Tier</b>	<b>Post 65 Life Plan</b>
Retiree Health	Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Subscriber ID: RA spouse Gender: M								
Status	Birth Yr	Hire Yr	Service Credits	Retirement Yr	Medicare Opt Out	Spouse Birth Yr	Child Birth Yr	Group
Retired	1932	1956	N/A	1994	Medicare Eligible	N/A	N/A	Medicare Eligible
<b>Pre 65 Medical Plan</b>	<b>Pre 65 Medical Tier</b>	<b>Pre 65 Pharmacy Plan</b>	<b>Pre 65 Pharmacy Tier</b>	<b>Pre 65 Dental Plan</b>	<b>Pre 65 Dental Tier</b>	<b>Pre 65 Vision Plan</b>	<b>Pre 65 Vision Tier</b>	<b>Pre 65 Life Plan</b>
No Coverage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Post 65 Medical Plan</b>	<b>Post 65 Medical Tier</b>	<b>Post 65 Pharmacy Plan</b>	<b>Post 65 Pharmacy Tier</b>	<b>Post 65 Dental Plan</b>	<b>Post 65 Dental Tier</b>	<b>Post 65 Vision Plan</b>	<b>Post 65 Vision Tier</b>	<b>Post 65 Life Plan</b>
Retiree Health	Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Subscriber ID: TD Gender: M								
Status	Birth Yr	Hire Yr	Service Credits	Retirement Yr	Medicare Opt Out	Spouse Birth Yr	Child Birth Yr	Group
Retired	1955	1980	N/A	2010	Medicare Eligible	N/A	N/A	Medicare Eligible
<b>Pre 65 Medical Plan</b>	<b>Pre 65 Medical Tier</b>	<b>Pre 65 Pharmacy Plan</b>	<b>Pre 65 Pharmacy Tier</b>	<b>Pre 65 Dental Plan</b>	<b>Pre 65 Dental Tier</b>	<b>Pre 65 Vision Plan</b>	<b>Pre 65 Vision Tier</b>	<b>Pre 65 Life Plan</b>
Retiree Health	Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Post 65 Medical Plan</b>	<b>Post 65 Medical Tier</b>	<b>Post 65 Pharmacy Plan</b>	<b>Post 65 Pharmacy Tier</b>	<b>Post 65 Dental Plan</b>	<b>Post 65 Dental Tier</b>	<b>Post 65 Vision Plan</b>	<b>Post 65 Vision Tier</b>	<b>Post 65 Life Plan</b>
Retiree Health	Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Subscriber ID: WC Gender: M								
Status	Birth Yr	Hire Yr	Service Credits	Retirement Yr	Medicare Opt Out	Spouse Birth Yr	Child Birth Yr	Group
Retired	1950	1969	N/A	2005	Medicare Eligible	N/A	N/A	Medicare Eligible
<b>Pre 65 Medical Plan</b>	<b>Pre 65 Medical Tier</b>	<b>Pre 65 Pharmacy Plan</b>	<b>Pre 65 Pharmacy Tier</b>	<b>Pre 65 Dental Plan</b>	<b>Pre 65 Dental Tier</b>	<b>Pre 65 Vision Plan</b>	<b>Pre 65 Vision Tier</b>	<b>Pre 65 Life Plan</b>
No Coverage	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Post 65 Medical Plan</b>	<b>Post 65 Medical Tier</b>	<b>Post 65 Pharmacy Plan</b>	<b>Post 65 Pharmacy Tier</b>	<b>Post 65 Dental Plan</b>	<b>Post 65 Dental Tier</b>	<b>Post 65 Vision Plan</b>	<b>Post 65 Vision Tier</b>	<b>Post 65 Life Plan</b>
Retiree Health	Single	N/A	N/A	N/A	N/A	N/A	N/A	N/A

*This report was prepared solely to provide assistance to (the) SOCRRRA in Royal Oak, MI in determining values to be reported under GASB 75 and GASB 74. It may not be appropriate to use for other purposes. Milliman does not intend to benefit and assumes no duty or liability to other parties who receive this report. Copyright © 2023 Milliman, Inc.*

## **SECTION 9** **CAVEATS AND LIMITATIONS**

This report is based on the data, methods, assumptions and plan provisions specified by the user of the website. Since the valuation results are dependent on the integrity of the data supplied, the results can be expected to differ if any of the underlying data is incomplete or missing. If any data or other information is inaccurate or incomplete, the calculations may need to be revised.

Furthermore, the emerging costs will vary from those presented in this report to the extent that actual experience differs from that projected by the actuarial assumptions which are summarized in this report.

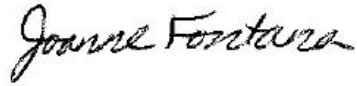
Actuarial computations under GASB 74 and GASB 75 are for purposes of fulfilling financial accounting requirements for public employers and trusts. No attempt is being made to offer any accounting opinion or advice. The calculations in the enclosed exhibits have been made on a basis consistent with the Alternative Measurement Method under GASB 74 and GASB 75. Determinations for purposes other than meeting these financial accounting requirements may be significantly different from the results contained in these exhibits. Accordingly, additional determinations may be needed for other purposes.

This work product was prepared solely to provide assistance to the client or system in determining values to be reported under GASB 74 and GASB 75. It may not be appropriate to use for other purposes. Milliman does not intend to benefit and assumes no duty or liability to other parties who receive this work. The assumptions and results should be reviewed by the user's accountant. Any third party recipient of this work product who desires professional guidance should not rely upon this work product, but should engage qualified professionals for advice appropriate to its own specific needs.

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Sincerely,

A handwritten signature in black ink that reads "Joanne Fontana". The signature is written in a cursive, flowing style.

Joanne E. Fontana, FSA, MAAA  
Principal and Consulting Actuary

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July 27, 2023

Board of Trustees  
SOCRRA

Subject: 2024 and 2025 Schedule of Important Collection Dates

Board Members:

The holiday schedules for 2024 and 2025 are as follows:

<b>2024 – Schedule of Important Collection Dates</b>		
Monday, January 1 <sup>st</sup>	New Year's Day	Collection delayed a day all week (Mon-Fri)
Monday, April 1 <sup>st</sup>	Beginning of separate yard waste collection (sooner if members choose to pay extra).	
Monday, May 27 <sup>th</sup>	Memorial Day	Collection delayed a day all week (Mon-Fri)
Thursday, July 4 <sup>th</sup>	Independence Day	Thursday-Friday delayed by one day
Monday, September 2 <sup>nd</sup>	Labor Day	Collection delayed a day all week (Mon-Fri)
Thursday, November 28 <sup>th</sup>	Thanksgiving	Thursday-Friday delayed by one day
Friday, December 13 <sup>th</sup>	End of separate yard waste collection	
Wednesday, December 25 <sup>th</sup>	Christmas Day	Wednesday-Thursday-Friday delayed by one day

<b>2025 – Schedule of Important Collection Dates</b>		
Wednesday, January 1 <sup>st</sup>	New Year's Day	Wednesday-Thursday-Friday delayed by one day
Monday, April 7 <sup>th</sup>	Beginning of separate yard waste collection (sooner if members choose to pay extra)	
Monday, May 26 <sup>th</sup>	Memorial Day	Collection delayed a day all week (Mon-Fri)
Friday, July 4 <sup>th</sup>	Independence Day	Friday delayed by one day
Monday, September 1 <sup>st</sup>	Labor Day	Collection delayed a day all week (Mon-Fri)
Thursday, November 27 <sup>th</sup>	Thanksgiving	Thursday-Friday delayed by one day
Friday, December 19 <sup>th</sup>	End of separate yard waste collection	
Thursday, December 25 <sup>th</sup>	Christmas Day	Thursday-Friday delayed by one day

Submitted by:

Jeffrey A. McKeen, P.E.  
General Manager

Suggested resolution: "That the Board receive and file the 2024 and 2025 Schedule of Important Collection Dates report".



August 3, 2023

Boards of Trustees  
Southeastern Oakland County Water Authority  
SOCRRA

Subject: General Manager Search Process

Board Members:

Colette Farris, Bob Davis, Teresa Newman and I (“Staff”) have completed the General Manager position profile, which is attached. We have begun posting the position in a number of different venues and we are reaching out to a number of potential candidates. Please feel free to forward the position profile to anyone that you think would be a good candidate. We have asked for resumes to be submitted by August 31, 2023.

Our tentative outline for the remainder of the General Manager search is:

1. Staff will work with the joint Advisory Committees to review all applicants in a public meeting and to develop a short list of 3-5 candidates for interviews by the full Boards. Staff will perform a thorough background check, with candidate permission, on the short-listed candidates.
2. A special joint meeting of both Boards will be held, most likely in September, to interview the short-listed candidates:
  - a. All Board members, currently 16 individuals, Bob Davis, Teresa Newman, Colette Farris and I will participate in the interviews.
  - b. The interviews will be conducted in an open meeting. Candidates will be requested not to attend interviews of other candidates.
  - c. Common interview questions will be designed by Staff and reviewed by both Boards.
  - d. Interview questions will be assigned to specific Board members for each interview. Not all Board members will be asking questions in each interview.
  - e. Staff will design a candidate evaluation form to be filled out by Board members and Staff within 48 hours of each interview.
  - f. Questions from candidates will be answered by the appropriate Board Chair.
  - g. Staff will compile the completed candidate evaluation forms and email a summary of the forms shortly after the interviews are completed.
3. A special joint meeting of both Boards will be held several days after the interview date.
  - a. Teresa Newman will lead a discussion of Board members and Staff to reach consensus on one candidate.
  - b. The Boards may determine if a second interview of some or all of the candidates would be appropriate.
  - c. Each Board will vote on the final candidate using established voting methodologies.

4. Teresa Newman and Bob Davis will conduct contract negotiations with the selected candidate within parameters established by the Boards using the existing General Manager contract as a template.
5. A special joint meeting of both Boards will be held following the completion of contract negotiations. Each Board will vote on the General Manager employment contract, see discussion below regarding an employment contract, using established voting methodologies.
6. Mr. McKeen will develop a transition plan for the new General Manager assuming a new General Manager start date of November 1, 2023.

Respectfully submitted,

Jeffrey A. McKeen, P.E.  
General Manager

Suggested Resolution: "That the report on the General Manager Search Process be received and filed."

**SOUTHEASTERN OAKLAND COUNTY WATER AUTHORITY (SOCWA)**  
**and**  
**SOUTHEASTERN OAKLAND COUNTY RESOURCE RECOVERY AUTHORITY (SOCRRA)**

Profile for the Position of  
**GENERAL MANAGER**

Resumes and supporting documents are requested no later than 4:00 p.m. EST August 31, 2023 to:

Teresa Newman

[Teresa@twnconsulting.com](mailto:Teresa@twnconsulting.com)

EQUAL OPPORTUNITY EMPLOYER

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## INTRODUCTION

This is a professional opportunity for the management of public services in two municipal authorities. One authority, as enabled by state law, services defined communities and provides a water supply service. The second authority, also enabled by state law, provides waste services for trash, recyclables, and yard waste to twelve municipalities in suburban Oakland County, north of Detroit. The General Manager is the chief administrative officer appointed by the two Boards of Trustees. The Boards are made up of representatives of the member municipalities as selected by each municipality. The Boards now seek a professional manager with technical knowledge, planning, and financial skills to assure continued high-quality management services and to position both authorities for future success. The General Manager must be able to communicate effectively with a wide range of individuals including Board members, member municipalities, utilities, contractors, consultants, and employees. The General Manager represents the Authorities before other governmental entities and public groups.

This recruitment profile outlines the experience, education, skills, abilities, and personal characteristics identified as either necessary or desirable for candidates for the General Manager of Southeastern Oakland County Water Authority (SOCWA) and Southeastern Oakland County Resource Recovery Authority (SOCRRA). It also includes a list of Opportunities and Challenges for each Authority.

Information about SOCWA and SOCRRA, the public services they provide, their structure and their employees are presented. Also included is general information about Oakland County to assist potential candidates in understanding the region.

The profile will be used as a guide in the recruitment process, providing specific criteria by which applications will be screened and individuals selected for final interview and appointment consideration.

All inquiries relating to the recruitment and selection process for the General Manager position are to be directed to the consultant working with the Authorities as listed on the cover of this profile.

## ABOUT THE POSITION

The General Manager is the Chief Administrator of both SOCWA and SOCRRA. The General Manager is responsible for the finances, human resources, service operations, technical planning, contracting of equipment, and the facilities of both Authorities. The General Manager recommends policy and procedures to the Boards and ensures that the Boards' policies and directives are implemented. The General Manager represents the Authorities before other governmental entities and public groups.

The General Manager works with a small, dedicated administrative staff that provides services to both organizations. The staff are committed to supporting a community-minded manager who is forward-thinking and ready for an exciting career that provides opportunities for innovation and improvements in infrastructure and sustainability efforts. Both the administrative staff and the union employees of SOCWA and SOCRRA have a history of long tenures with the Authorities.

**Supervision:** The General Manager carries out these functions with considerable independence according to established rules, regulations, procedures, and policy directives from the Boards. Performance is reviewed annually by the Boards. The General Manager is responsible for the supervision – either directly or indirectly – of all of the combined employees of the Authorities.

### **Examples of Essential Duties:**

- Develop and maintain up-to-date long-range goals, plans, and programs, including strategic planning of revenue, costs, maintenance and capital improvements over a multi-year period.
- Plan and organize programs and functions that provide the services established by the Boards.
- Develop and maintain productive relationships with Board members and community representatives.
- Carry out the policies adopted by the Boards.
- Plan, organize and administer the budgets of both Authorities.
- Communicate effectively with a wide variety of stakeholders.
- Prepare the agenda for Board meetings and follow up on actions taken by the Boards.
- Approve technical and financial parameters for projects.
- Recommend consultants to assist with engineering, legal, audit and other Authority work.
- Consult with attorneys regarding labor matters, liability cases and other legal matters.
- Participate in labor negotiations, grievances and arbitration procedures.
- Answer questions and discuss problems with members, elected officials and others.
- Evaluate and approve changes in organizational structure and staffing levels.

- Evaluate employees and determine compensation and benefits.
- Aggressive negotiation and participation in meetings and hearings regarding third party providers such as the Great Lakes Water Authority and private waste haulers as well as State legislative and regulatory entities.
- Attend meetings with city, village, county, township and state officials as required and as requested.
- Prepare press releases for information and participate in interviews by members of the press.
- Prepare reports and correspondence as required.
- Manage staff.
- Perform related duties as required.

**Compensation:** Salary is competitive and negotiable, depending on qualifications and experience. SOCWA/SOCRRA has an attractive and competitive fringe benefits package that includes a hybrid defined benefit/defined compensation pension plan through the Municipal Employees' Retirement System (MERS) as well as a Health Care Savings plan, voluntary 457 Retirement plan, medical insurance and dental/optical reimbursement accounts. These benefits have an estimated annual value of nearly \$45,000 in addition to the annual base salary range of \$115,000-\$135,000.

**Employment at Will:** The General Manager serves the Boards of both Authorities. The Boards expect to enter into an "at will" contract establishing salary, appraisal periods, vacation, pension benefits, and related conditions of employment.

**Performance Planning and Appraisal:** The General Manager can expect to meet with the Boards within six months of employment for the purpose of establishing mutually agreeable goals and performance measures. Performance appraisal based on such performance planning will be scheduled on an annual basis thereafter.

**Interview Process:** The final candidates will be invited for interviews with the Boards of SOCWA/SOCRRA.

## ABOUT THE CANDIDATE

### **Education and Professional Development**

- Bachelor's degree in public administration, engineering, business administration, or related field. Master's degree is desirable.
- Licensed Professional Engineer desirable, but not required.
- Minimum of five years of varied management experience.
- Demonstrated professional development such as memberships and training with related professional associations (APWA, AWWA, ICMA or similar).

### **Experience**

- Progressively increasing responsibility for organization, financial management of budgets at or above \$25 million, project management, and service delivery in an organization approaching the size and complexity of SOCWA/SOCRRA.
- Familiarity with solid waste recovery, management, transfer, composting, and contracts for collection and disposal, and with the laws and regulations affecting resource recovery in Michigan.
- Familiarity with recycling, community services, and contracts for bulk sales of recycled materials, including commodity pricing negotiations.
- Familiarity with water storage facilities, pumping facilities, transmission, and the purchase of water from a major regional source, and with the laws and regulations affecting public water systems.
- Experienced in managing the services and intergovernmental relationships of a public service organization in a highly political environment, with accountability to federal, state and local regulators (EPA, EGLE), elected officials, city officials, and Board members.
- Experience applying a range of public financing and accounting methods, including grants, for project design, construction, maintenance, and service delivery, and familiarity with required reports. Familiarity with rigorous public purchasing procedures and municipal audits.
- Experience with labor relations in a strong labor environment, as well as positive employee relations, including motivation and reward.
- Experience with successful, mutually beneficial relationships with other local jurisdictions, such as cities, villages, townships, and county government.

### **Working Style, Skills, Knowledge, and Abilities**

- Strategic vision and leadership ability to evaluate future directions and roles of SOCWA/SOCRRA, making recommendations to the Board and leading the staff through transitions.
- An understanding of the importance of positive public relations, including



communications with the public, member jurisdictions and the news media, in order to enhance the credibility of SOCWA/SOCRRA.

- An inclusive leadership style, supportive of professional staff and comfortable with a participative approach.
- A thorough approach to research, examining alternatives, and presenting well-documented and supported options and recommendations to the Boards.
- Demonstrated skills in interpersonal, written, and oral communications. Skilled at keeping stakeholders well informed, including Board members, member jurisdictions, contractors, and employees.
- Able to learn information systems including accounting, Microsoft Office applications, and proprietary scale software and web applications.
- Skill with management analysis, rate and revenue analysis, and organizational analysis that contributes to high levels of productivity and provides measures for the public.
- Involved with local, regional, state, and national public works issues and practices, with a network of knowledgeable, objective advisors.

### **Personal Characteristics**

- Unquestioned integrity and ethics. Demonstrates the highest standards of professional conduct.
- Strong work ethic.
- Customer service oriented, seeking continuous improvement while recognizing the limitations of the budget and schedules.
- Organized with the ability to guide priorities, goals, and directions.
- Demonstrates ability and willingness to listen and learn before introducing significant changes.
- Decisive yet supportive of the decisions of subordinates.
- Values an open rapport with subordinates and colleagues, respecting the talents and accomplishments of each and the value of their professional development.
- Good humored, thick skinned and a can-do attitude.

## ABOUT SOCWA

SOCWA was formed in 1952 to provide water service to its member communities of Berkley, Beverly Hills, Bingham Farms, Birmingham, Clawson, Huntington Woods, Lathrup Village, Pleasant Ridge, Royal Oak, Southfield, and Southfield Township. SOCWA also supplies water to Bloomfield Hills, Bloomfield Township, the Detroit Zoo, and the Rackham Golf Course. SOCWA supplies water to municipal water systems that serve a population of 250,000. SOCWA purchases all of its water from the Great Lakes Water Authority (GLWA). The purchased water is transported through SOCWA's water storage, pumping, and transmission facilities to about fifty municipal meter locations. The water is then provided to the individual water systems which are owned and operated by the member and customer communities.

SOCWA manages its purchase from GLWA in order to minimize peak water demands and thereby obtains a favorable water rate from GLWA. The water system is operated and controlled through SCADA and meter SCADA systems that are overseen by the SOCWA Control Room, which is staffed 24 hours a day.

SOCWA is governed by an eleven-member Board of Trustees with one member representing each of the constituent municipalities. Member voting power is based on individual community water consumption in the previous fiscal year. SOCWA is subject to FOIA, Open Meetings, and other governmental requirements.



## ABOUT SOCRRA

SOCRRA is a municipal corporation founded in the early 1950's. SOCRRA consists of twelve member municipalities with a total population of approximately 300,000 and covers an area of 75 square miles. SOCRRA provides one of Michigan's most comprehensive solid waste management systems to the residents of our member communities – Berkley, Beverly Hills, Birmingham, Clawson, Ferndale, Hazel Park, Huntington Woods, Lathrup Village, Oak Park, Pleasant Ridge, Royal Oak, and Troy.

SOCRRA is governed by a twelve-member Board of Trustees, one member representing each of the constituent municipalities. Member voting power is based on individual member municipality tonnage delivered to the Authority's facilities. SOCRRA is subject to FOIA, Open Meetings and other governmental requirements.

SOCRRA holds the contracts for the curbside collection of refuse, recycling and yard waste from the 122,000 households in its member communities. SOCRRA receives the collected refuse at its Transfer Station in Troy, compacts it into large trailers which are hauled to a private landfill for disposal. The collected single stream recyclable materials are brought to SOCRRA's Material Recovery Facility (MRF) in Troy to be processed into commodities that can be sold to purchasers of recycled materials. The MRF is designed to process about 35,000 tons of recyclables per year. The SOCRRA Compost site in Rochester Hills is a municipal composting operation that turns the collected yard waste material into compost that is redistributed to its member communities for its residents' use or sold to landscape companies.



## OPPORTUNITIES AND CHALLENGES

### SOCWA

- Application of Technology and Automation  
Recent advances in technology, automation, and artificial intelligence will have a major impact on SOCWA's operations. A long-term plan must be developed for the application of new technology to meet SOCWA's needs.
- Declining Water Sales  
Water sales have been on a long-term decline throughout both the SOCWA communities and the United States. This long-term trend has been accelerated by cost increases from GLWA. Strategies to respond to declining water sales must be developed. Possibilities include expansion of SOCWA, reduction in SOCWA operating costs, identifying new users and/or uses of water.
- Great Lakes Water Authority (GLWA)  
GLWA was established in 2016 and is SOCWA's sole provider of water under a long-term contract. GLWA maintains a robust Customer Outreach Program, within which SOCWA serves as an active leader and respected resource. SOCWA's philosophy has been to work with GLWA to encourage GLWA to be more customer focused, more efficient and to have lower rate increases. This philosophy has been only partially effective. Possible areas to explore include SOCWA expansion, a stronger relationship between SOCWA and the GLWA Board and developing a more assertive customer community through GLWA's Customer Outreach program.
- SOCWA Facilities  
SOCWA facilities were designed for significantly higher water sales, both peak day/hour and annual sales. SOCWA facilities need to be reevaluated in the current environment of declining water sales and increasing costs. Possible areas to explore include facility abandonment, use of facilities for other purposes including solar power generation, and expansion of SOCWA to use existing facilities more intensively.

### SOCRRA

- SOCRRA Membership Agreements in Place Until June 2027  
Membership agreements between SOCRRA and its municipal members are in place until June 2027. New membership agreements must be developed and approved by all twelve member communities.
- Service Provider Contracts in Place Until June 2027  
SOCRRA contracts with private waste haulers for the collection of recycling, refuse and yard waste and the hauling and disposal of refuse from the transfer station. These contracts are in place until June 2027. A process must be conducted to develop long-term replacements of these contracts to meet the needs of the member communities.

- Expansion and Provision of SOCRRA Services

Services provided by SOCRRA and how those services are provided must be continually reevaluated based on residents' expectations, technology developments, cost, and changes in State of Michigan regulations.

- Material Recovery Facility (MRF) Operation and Function

Since SOCRRA's MRF was redesigned in 2018, the available MRF technology, the mix of incoming materials, and the cost and availability of labor have changed significantly. A long-term plan must be developed to position SOCRRA's MRF for a future that is substantially different from the assumptions that were used when the MRF was designed. This plan should also explore developing operating alliances with neighboring communities.

- Application of Technology and Automation

Recent advances in technology, automation, and artificial intelligence will have a major impact on SOCRRA's operations and services. A long-term plan must be developed for the application of new technology to meet the needs of SOCRRA residents.

- Uses of SOCRRA Property and Facilities

- SOCRRA owns a former incinerator site in Madison Heights that is licensed as a waste transfer facility but is not currently being used for the permitted purposes. A plan for the use or disposal of this site must be developed.
- The use of SOCRRA's Compost site in Rochester Hills is currently limited to the composting of only "yard waste" through a Consent Judgment. This limitation needs to be amended or revised to allow SOCRRA to compost food scraps.
- SOCRRA also owns rental homes and vacant property adjacent to the Compost Site. These properties are currently used as a buffer to SOCRRA's compost operations. Alternative uses for these properties need to be explored including solar power generation.

## ABOUT OAKLAND COUNTY

Oakland County is home to nearly 1.3 million people in 62 cities, villages, and townships across 907 square miles. The economy employs 647,000 people and the largest industries are Manufacturing, Healthcare, and Social Assistance, and Professional, Scientific, and Technical Services.

Oakland County residents have access to 17 degree-granting colleges and universities. There are 485 institutions of art, culture, and the humanities in the county. Residents and visitors enjoy nearly 90,000 acres of parkland, 65 miles of trails, 76 public and private golf courses, and 1,450 lakes, rivers, and streams, and the headwaters of five river systems.

Lakes, parks, shopping, sports, cultural activities, education, medical care, and neighborhoods where you can walk all add up to a county with livable communities where you can raise your family, build a home, and find many ways to spend your leisure time.

SOCWA and SOCRRA member communities are in the Southeastern region of Oakland County, just north of Detroit – a vibrant and diverse cultural city with museums, music venues, major sports teams, and a lively restaurant scene.

